

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

6	0.00	0.00	Mark	Boundary	Crown	Start of right bank levee of Cherokee. Canal at high ground. Levee construction by U. S. Corps of Engineers, 1960. Twelve-foot gravel crown roadway, slopes 3 to 1 on waterward, 2 to 1 on landward turnaround on landward side. Levee mile markers are on the waterward shoulder. Entry Last Updated : 4/6/2015	H_LL_GENERAL
8	0.00	0.00	Ramp	Ramp	Water Side	Fill access ramp on waterside slope. Entry Last Updated : 5/4/2015	USACEPI
142	0.00	0.00	Ramp	Ramp	Land Side	Fill access ramp on landside slope. Entry Last Updated : 2/6/2020	LEVEELOG
143	0.00	0.00	Miscellaneous	Turnouts	Land Side	Turnout on landside toe. Entry Last Updated : 2/6/2020	LEVEELOG
5	0.10	0.10	Ramp	Ramp	Land Side	Fill ramp on landside. Entry Last Updated : 1/22/2020	LEVEELOG
509	0.10	0.10	Ramp	Ramp	Water Side	Fill ramp on waterside. Entry Last Updated : 1/22/2020	USACEINSPECT
12	0.22	0.22	Ramp	Ramp	Water Side	Ramp. Entry Last Updated : 1/22/2020	LEVEELOG
13	0.22	0.22	Ramp	Ramp	Land Side	Ramp. Entry Last Updated : 1/22/2020	GEILEVEELOG
9	0.27	0.27	UCIP	Pipe	Crossing	DS_ID:16327 EP_NO: 6135 Crossing Status: Found FIELD_STRUCT_DESC: *REMOVED* 8-inch steel irrigation pipe through the levee 2.8 feet below the crown. Permit requirements are as follow: during the flood season the 5-inch irrigation pipe will be removed and a plate bolted over the waterside (WS) end of the 8-inch. Pipe section is completely buried. Current configuration does not allow for 5-inch irrigation pipe to slide pipe through. 8-inch pipe is welded solid. (8-inch pipe authorized under Permit No. 6135, 1968 - George Washington). (Removal and replavement of 8-inch pipe authorized under Work Authorization WC2021068, 2021 - Mr. Ernie Washington of Washington Orchards). [Additional Reference(s): DWR Levee Log, 1993 (HLM 0.29)] Entry Last Updated : 7/14/2021	UCIPAUG2021 6135

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Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
14	0.30	0.30	Ramp	Ramp	Water Side	Ramp Entry Last Updated : 1/22/2020	LEVEELOG		
511	0.30	0.30	Ramp	Ramp	Land Side	Ramp Entry Last Updated : 1/22/2020	USACEINSPECT		
19	0.47	0.47	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 0.5. Entry Last Updated : 5/4/2015	H_LL_GENERAL		
10	0.50	0.50	UCIP	Pipe	Crossing	DS_ID:16342 EP_NO: 12129 Crossing Status: Found FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2.4 feet below the crown. Steel plate bolted on the waterside (WS) end. (5-inch water pipe authorized under Permit No. 12129, 12129A, 1977 - John & Jerie Malina) [Additional Reference(s): DWR Levee Log, 1993 (HLM 0.52)] Entry Last Updated : 4/17/2021	UCIPAPR2021 12129		
255	0.64	0.73	Ditches	Unlined	Land Side	Unlined ditch along LS toe. Entry Last Updated : 5/4/2015	INSPECTION		
20	0.72	0.72	Ramp	Ramp	Water Side	Fill ramp on waterside slope. Entry Last Updated : 5/26/2015	USACEPI		
819	0.77	0.82	Ditches	Unlined	Land Side	Entry Last Updated : 4/22/2015	INSPECTION		
32	0.81	0.81	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, overbuild about 30-feet x 15-feet. Entry Last Updated : 6/2/2015	USACEPI		
23	0.93	0.93	Ramp	Ramp	Water Side	Ramp on waterward slope. Entry Last Updated : 5/22/2015	H_LL_GENERAL		
249	0.97	1.16	Ditches	Unlined	Land Side	Entry Last Updated : 4/22/2015	INSPECTION		
38	0.97	0.97	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 1.0. Entry Last Updated : 5/22/2015	H_LL_GENERAL		
531	1.06	1.24	Aerial	High Voltage	Water Side	Entry Last Updated : 1/23/2020	USACEINSPECT		

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Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

537	1.06	1.06	Structure	Pole - Utility	Water Side	Entry Last Updated : 1/23/2020	USACEINSPECT
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114	1.11	1.11	Structure	Pole - Utility	Water Side	Entry Last Updated : 1/23/2020	LEVEELOG
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16	1.13	1.13	UCIP	Culvert	Crossing	DS_ID:16343 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal CIPP-lined drainage pipe through the levee, 8.6 feet below the crown. Concrete "U" headwalls on both the waterside (WS) and landside (LS). Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 1.15). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 1.15), As-built DWG No. 50-4-3608, Sheet No. 3608/19.1, STA 1072+20E, page 20 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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533	1.13	1.13	Ramp	Ramp	Land Side	Entry Last Updated : 5/22/2015	USACEINSPECT
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115	1.16	1.16	Structure	Pole - Utility	Water Side	Entry Last Updated : 1/23/2020	LEVEELOG
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248	1.17	1.17	Aerial	High Voltage	Crossing	Entry Last Updated : 5/26/2015	INSPECTION
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106	1.17	1.17	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/23/2020	LEVEELOG
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144	1.17	1.17	Fence	Metal	Water Side and Land Side	Vehicle access gate and fence. Nelson Road access. Entry Last Updated : 2/6/2020	LEVEELOG
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538	1.17	1.17	Gate	Metal	Crown	Vehicle access gate and fence. Nelson Road access. Entry Last Updated : 5/28/2015	USACEINSPECT
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15	1.18	1.26	At Grade	Road / Highway	Crown	Levee turns west down Nelson Road from levee mile 1.18 to levee mile 1.26. Entry Last Updated : 9/28/2015	LEVEELOG
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116	1.19	1.19	Structure	Pole - Utility	Water Side	Entry Last Updated : 1/23/2020	LEVEELOG
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**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
120	1.25	1.25	Structure	Pole - Utility	Water Side	Entry Last Updated : 1/23/2020	LEVEELOG		
121	1.25	1.25	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/23/2020	LEVEELOG		
122	1.26	1.26	Aerial	High Voltage	Crossing	Entry Last Updated : 1/23/2020	LEVEELOG		
820	1.27	1.27	Aerial	Communications	Crossing	Entry Last Updated : 4/22/2015	INSPECTION		
540	1.28	1.28	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/23/2020	USACEINSPECT		
541	1.29	1.29	Structure	Monitoring Well	Land Side	DWR groundwater monitoring well. 24-inch CMP standpipe on landside 10-feet from toe. Capped and pad locked. 3-feet x 3-feet concrete padcollar. Entry Last Updated : 6/2/2015	USACEINSPECT		
822	1.31	1.31	Ramp	Ramp	Land Side	Entry Last Updated : 4/22/2015	INSPECTION		
542	1.31	1.31	Gate	Metal	Crown	Access gate and ramp on landside. Entry Last Updated : 5/26/2015	USACEINSPECT		
823	1.48	1.48	Mark	Marker	Crown	Mileage marker on WS shoulder. LM 1.5. Entry Last Updated : 6/2/2015	INSPECTION		
824	1.50	1.59	Ditches	Unlined	Land Side	Entry Last Updated : 5/26/2015	INSPECTION		
825	1.59	1.59	Revetment	Cobble	Water Side	Revetment for culvert. Entry Last Updated : 6/2/2015	INSPECTION		

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Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal						Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source	
	Start	End					Permits	
17	1.59	1.59	UCIP	Culvert	Crossing	DS_ID:16831 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 7.8 feet below the crown. Concrete "U" headwalls on both waterside (WS) and landside (LS) ends. Slide gate in corrugated metal pipe (CMP) riser on the WS slope. [Additional Reference(s): DWR Levee Log, 1993 (HLM 1.61), listed as 26-inch pipe. USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 1.62), As-built DWG No. 50-4-3608, Sheet No. 3608/19.1, STA 1049+53E, page 20 of 28 electronic file, listed as 36-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021	
27	1.63	1.63	Ramp	Ramp	Water Side	Ramp Entry Last Updated : 1/22/2020	LEEVELOG	
55	1.63	1.63	Ramp	Ramp	Land Side	Ramp Entry Last Updated : 1/22/2020	USACEPI	
18	1.66	1.66	UCIP	Culvert	Crossing	DS_ID:16345 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through the levee, 7.6 feet below the crown. Slide gate in corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on the landside (LS). 36-inch concrete standpipe in the channel with 2 piles to deflect debris (39.576614, -121.7009). [Additional Reference(s): DWR Levee Log, 1993 (HLM 1.68). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 1.69), listed as 24-inch pipe, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021	
826	1.66	1.66	Mark	Survey	Land Side	County survey mark on culvert. Entry Last Updated : 5/26/2015	INSPECTION	
58	1.67	1.67	Ramp	Ramp	Water Side	Fill ramp on the waterward slope. Entry Last Updated : 6/2/2015	GEILEVEELOG	
553	1.78	1.78	Ramp	Ramp	Water Side	Fill ramp on the waterside slope. Entry Last Updated : 5/26/2015	USACEINSPECT	
558	1.92	1.92	Ramp	Ramp	Land Side	Landside fill ramp. Entry Last Updated : 1/22/2020	USACEINSPECT	

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Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

60	1.97	1.97	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 2.0. Entry Last Updated : 5/26/2015	H_LL_GENERAL
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827	2.28	2.28	Ramp	Ramp	Land Side	Entry Last Updated : 4/22/2015	INSPECTION
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830	2.31	2.31	Mark	Survey	Land Side	County survey mark located on culvert. Entry Last Updated : 5/26/2015	INSPECTION
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22	2.31	2.31	UCIP	Culvert	Crossing	DS_ID:16346 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through the levee 7.8 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Pipe continues across channel. Concrete "U" headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 1993 (HLM 2.35). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 2 Feb 2011, (HLM 2.35), listed as 24-inch pipe, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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560	2.33	2.33	Ramp	Ramp	Water Side	Access ramp on waterside. Entry Last Updated : 6/2/2015	USACEINSPECT
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28	2.68	2.68	Ramp	Ramp	Land Side	Ramp Entry Last Updated : 1/22/2020	LEVEELOG
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65	2.68	2.68	Ramp	Ramp	Water Side	Ramp Entry Last Updated : 1/22/2020	H_LL_GENERAL
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829	2.69	2.69	Mark	Survey	Land Side	County survey mark on culvert. Entry Last Updated : 5/26/2015	INSPECTION
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24	2.70	2.70	UCIP	Culvert	Crossing	DS_ID:16347 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 9.4 feet below the crown. Concrete "U" headwall on both waterside (WS) and landside (LS) ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 2.74). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 2.74), listed as 24-inch pipe, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

565	2.71	2.71	Ramp	Ramp	Water Side	Fill ramp on waterside slope. Entry Last Updated : 5/26/2015	USACEINSPECT
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87	2.97	2.97	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	GEILEVEELOG
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86	2.97	2.97	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 3.0. Entry Last Updated : 6/2/2015	H_LL_GENERAL
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25	3.05	3.05	UCIP	Culvert	Crossing	DS_ID:17372 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 11.8 feet below the crown. Flap gate is located on the waterside (WS). Concrete headwall located on the landside (LS). [Additional Reference(s): DWR Levee Log, 1993 (HLM 3.07), listed as 24-inch pipe. USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 3.10), listed as 36-inch pipe, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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26	3.05	3.05	UCIP	Culvert	Crossing	DS_ID:16348 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: *DUPLICATE RECORD* 24-inch drainage pipe through the levee at an unknown depth below the crown. Concrete headwall on both waterside (WS) and landside (LS) ends. Flap gate located on the WS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 3.07)] Entry Last Updated : 4/17/2021	UCIPAPR2021
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29	3.24	3.24	UCIP	Culvert	Crossing	DS_ID:16349 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal CIPP-lined drainage pipe through the levee, 8.9 feet below the crown. Concrete "U" headwalls on both the waterside (WS) and landside (LS) ends. Flap gate visible on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 3.29). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 3.29), listed as 24-inch pipe, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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572	3.26	3.26	Ramp	Ramp	Land Side	Fill ramp on landside. Entry Last Updated : 1/22/2020	USACEINSPECT
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828	3.26	3.26	Revetment	Rock	Water Side	Revetment protects culvert. Entry Last Updated : 6/2/2015	INSPECTION
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Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

30	3.27	3.27	UCIP	Culvert	Crossing	DS_ID:16350 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal CIPP-lined drainage pipe through the levee, 8.4 feet below the crown. Concrete "U" headwalls on both the waterside (WS) and landside (LS) ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 3.31). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 3.31), listed as 24-inch pipe, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021
97	3.27	3.27	At Grade	Railroad	Crossing	Abandoned SNRR grade. Entry Last Updated : 5/27/2015	H_LL_GENERAL
99	3.28	3.28	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 1/23/2020	H_LL_GENERAL 5840
21	3.28	3.28	Mark	Boundary	Crown	Levee road access ends with a turnaround at the abandoned SNRR. Levee access start again at Levee Mile 3.69. Entry Last Updated : 9/28/2015	LEVEELOG
100	3.69	3.69	Mark	Boundary	Crown	High ground. Turnaround provided. Entry Last Updated : 5/27/2015	GEILEVEELOG
832	3.69	3.69	Aerial	High Voltage	Land Side	Entry Last Updated : 4/22/2015	INSPECTION
31	3.72	3.72	UCIP	Culvert	Crossing	DS_ID:16351 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugate metal drainage pipe through the levee, 8.1 feet below the crown. Flap gate on the waterside (WS) end. Slide gate located on the landside (LS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 3.80). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 3.80), listed as 24-inch pipe, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021



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Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
33	3.74	3.74	UCIP	Culvert	Crossing	DS_ID:16365 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7.9 feet below the crown. Flap gate on the waterside (WS) end. Screw gate on the landside (LS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 3.80). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 3.82), listed as 24-inch pipe, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021		
578	3.76	3.76	Ramp	Ramp	Land Side	Fill ramp on landside Entry Last Updated : 1/22/2020	USACEINSPECT		
107	3.92	3.92	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 4.0. Entry Last Updated : 5/27/2015	H_LL_GENERAL		
109	4.06	4.06	Ramp	Ramp	Land Side	Fill ramps landside Entry Last Updated : 1/22/2020	USACEPI		
831	4.09	4.09	Ramp	Ramp	Land Side	Entry Last Updated : 4/22/2015	INSPECTION		
583	4.10	4.10	Structure	Pad	Land Side	Concrete slab on waterside slope. 5-feet by 5-feet. Entry Last Updated : 5/27/2015	USACEINSPECT		
111	4.13	4.13	Structure	Building	Land Side	Landside residence includes: House, barn, propane tank, vegetation on slope, ramp on landside utility poles, electricity box, wood retaining wall. Utility poles at landside toe, from residence to Nelson-Shippee Rd. Four poles on toe, One pole located on LS slope. Entry Last Updated : 5/27/2015	USACEPI		
584	4.13	4.32	Aerial	High Voltage	Land Side	Entry Last Updated : 5/27/2015	USACEINSPECT		
124	4.13	4.13	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/23/2020	LEVEELOG		
833	4.14	4.14	Structure	Sign	Land Side	Signpost located on LS shoulder. Entry Last Updated : 5/27/2015	INSPECTION		
125	4.19	4.19	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/23/2020	LEVEELOG		

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Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
131	4.26	4.26	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/23/2020	LEVEELOG		
133	4.32	4.32	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/23/2020	LEVEELOG		
123	4.32	4.32	Gate	Metal	Crown	Cross fence metal drive gate. Entry Last Updated : 5/27/2015	H_LL_GENERAL		
147	4.32	4.32	Fence	Metal	Water Side and Land Side	Cross fence metal drive gate. Entry Last Updated : 2/6/2020	LEVEELOG		
587	4.32	4.32	Structure	Bridge	Crossing	Nelson Shippe Road Bridge crossing Entry Last Updated : 1/21/2020	USACEINSPECT		
34	4.33	4.33	UCIP	Conduit	Crossing	DS_ID:16353 EP_NO: 6084 Crossing Status: Indicator Found FIELD_STRUCT_DESC: Underground telephone cable, 1.5-inch through the levee at approximately 2 feet below the crown. (buried cable authorized to go through Cherokee Canal and across Cottonwood Creek under Permit No. 6084, 1968 - Pacific Telephone and Telegraph Company [PT&T]) Contact No. listed in case of emergencies is 1-800-642-2444. [Additional Reference(s): DWR Levee Log, 1993 (HLM 4.41)] Entry Last Updated : 4/17/2021	UCIPAPR2021 6084		
96	4.33	4.33	At Grade	Road / Highway	Crossing	Nelson Shippee Road Entry Last Updated : 1/23/2020	LEVEELOG		
128	4.34	4.34	Gate	Metal	Crown	Cross fence pipe gate. Entry Last Updated : 5/27/2015	GEILEVEELOG		
146	4.34	4.34	Fence	Metal	Water Side and Land Side	Cross fence pipe gate. Entry Last Updated : 2/6/2020	LEVEELOG		
127	4.34	4.34	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
135	4.34	4.34	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/23/2020	LEVEELOG		
136	4.34	4.34	Structure	Pole - Utility	Water Side	Entry Last Updated : 1/23/2020	LEVEELOG		

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## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

35	4.35	4.35	UCIP	Culvert	Crossing	DS_ID:16341 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 9.1 feet below the crown. Flap gate on the waterside (WS) end. Slide gate located on the landside (LS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 4.43). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 4.43), As-built DWG No. 50-4-3608, Sheet No. 3608/19.1, STA 891+52E, page 20 of 28 electronic file, listed as 36-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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117	4.36	4.36	Ramp	Ramp	Water Side	Fill ramp on waterside slope. Entry Last Updated : 5/27/2015	USACEPI
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130	4.42	4.42	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 4.5. Entry Last Updated : 5/27/2015	H_LL_GENERAL
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592	4.76	4.76	Miscellaneous	Turnouts	Land Side	Fill turnout on landside slope, overbuild about 10-feet x 65-feet. Entry Last Updated : 5/27/2015	USACEINSPECT
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36	4.85	4.85	UCIP	Culvert	Crossing	DS_ID:16355 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee 7.7 feet below the crown. Flap gate on the waterside (WS) end. Slide gate located on the landside (LS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 4.94). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 4.94), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 865+00E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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138	5.14	5.14	Miscellaneous	Turnouts	Land Side	Fill turnout on landside slope, overbuild about 10-feet x 55-feet. Entry Last Updated : 5/27/2015	USACEPI
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597	5.32	5.32	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	USACEINSPECT
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

37	5.33	5.33	UCIP	Culvert	Crossing	DS_ID:16356 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8.4 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.43). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.43), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 839+50E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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93	5.34	5.34	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	LEVEELOG
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39	5.38	5.38	UCIP	Culvert	Crossing	DS_ID:16357 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal CIPP-lined drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.48). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.48), listed as 24-inch pipe, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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41	5.39	5.39	UCIP	Non-Round	Crossing	DS_ID:16358 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Western Canal Siphon] 1 of 3: Three 8-foot by 10-foot irrigation concrete conduits through the levee and channel. Top of concrete conduit, 4 feet below the crown. Conduit on the downstream end is closed off with a removable concrete flashboard. Concrete "U" headwall on the landside (LS) with slots for flashboards for other two openings. Guardrails around headwall. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.50). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.49), listed as three 8-foot by 10-foot concrete conduit, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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145	5.39	5.39	Ditches	Unlined	Land Side	Canal on LS. Entry Last Updated : 5/27/2015	GEILEVEELOG
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

43	5.40	5.40	UCIP	Non-Round	Crossing	DS_ID:17375 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Western Canal Siphon] 2 of 3: 8-foot by 10-foot concrete irrigation conduit through the levee and channel. Top of concrete conduit, 4 feet below the crown. Conduit on the downstream end is closed off with a removable concrete flashboard. Concrete "U" headwall on the landside (LS) with slots for flashboards for other two openings. Guardrails around headwall. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.50). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.49), listed as three 8-foot by 10-foot concrete conduit, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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44	5.40	5.40	UCIP	Non-Round	Crossing	DS_ID:17376 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Western Canal Siphon] 3 of 3: 8-foot by 10-foot concrete irrigation conduit through the levee and channel. Top of concrete conduit, 4 feet below the crown elevation. Conduit on the downstream end is closed off with a removable concrete flashboard. Concrete "U" headwall on the landside (LS) with slots for flashboards for other two openings. Guardrails around headwall. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.50). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.49), listed as three 8-foot by 10-foot concrete conduit, no as-built referenced found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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150	5.41	5.41	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 5.5. Entry Last Updated : 5/27/2015	GEILEVEELOG
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151	5.42	5.42	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	H_LL_GENERAL 5180
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152	5.42	5.42	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	GEILEVEELOG 5180
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

45	5.46	5.46	UCIP	Culvert	Crossing	DS_ID:16459 EP_NO: 5180 Crossing Status: Found FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* Temporary road low water crossing, original plans were for a four pipe arches, 22-inch high by 36-inch wide and 14-foot long. Size of structure varies and is defined each year by the applicant, Pacific Gas and Electric Company. Structure is allowed to be constructed after April and to be removed before October 15th of each year. (Western Canal low water crossing authorized under Permit No. 5180, 1965 - Pacific Gas and Electric Company [PG&E]) Entry Last Updated : 4/17/2021	UCIPAPR2021 5180
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834	5.61	6.98	Ditches	Unlined	Land Side	Landside ditch at toe and within 15 ft at places, 15-feet to 30-feet wide and 5-feet deep. Entry Last Updated : 5/27/2015	INSPECTION
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46	5.63	5.63	UCIP	Culvert	Crossing	DS_ID:16359 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.73). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.73), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 820+50E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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610	5.75	5.75	Miscellaneous	Turnouts	Land Side	Fill turnout on landside slope, 10-feet x 60-feet. Entry Last Updated : 5/27/2015	USACEINSPECT
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47	5.87	5.87	UCIP	Culvert	Crossing	DS_ID:16360 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.2 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.97). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.97), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 808+00E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal						Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

169	5.90	5.90	Structure	Weir	Land Side	Concrete weir in landside ditch about 15-feet from landside toe. Entry Last Updated : 5/27/2015	USACEPI
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170	5.90	5.90	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, overbuild about 30-feet x 15-feet. Entry Last Updated : 6/2/2015	USACEPI
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168	5.97	5.97	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 6.0. Entry Last Updated : 5/27/2015	H_LL_GENERAL
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613	6.06	6.06	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, 15-feet x 95-feet. Entry Last Updated : 5/27/2015	USACEINSPECT
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171	6.11	6.11	Structure	Weir	Land Side	Weir in canal located adjacent to landward toe. Entry Last Updated : 5/27/2015	H_LL_GENERAL
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48	6.23	6.23	UCIP	Culvert	Crossing	DS_ID:16361 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7.4 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 6.32). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 6.34), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 789+00E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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836	6.38	6.38	Structure	Weir	Land Side	Entry Last Updated : 4/23/2015	INSPECTION
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174	6.38	6.38	Mark	Survey	Water Side	DWR survey monument on the waterward shoulder for channel cross sections. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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175	6.41	6.41	Ramp	Ramp	Water Side	Fill ramp on waterside slope. Entry Last Updated : 5/27/2015	USACEPI
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

49	6.45	6.45	UCIP	Culvert	Crossing	DS_ID:16362 EP_NO: 5200B Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7.8 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete headwall on both ends (Permit No. 5200B - 1965, Richvale Irrigation District) (Additional Related Permit(s): Permit No. 5200 and 5200A) [Additional Reference(s): DWR Levee Log, 1993 (HLM 6.56). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 6.56), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 777+00E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021 5200B
50	6.45	6.45	UCIP	Pipe	Crossing	DS_ID:16363 EP_NO: 5200B Crossing Status: Found FIELD_STRUCT_DESC: 36-inch concrete reinforced irrigation pipe turnout through the levee along landside (LS) shoulder, 11.1 feet below the crown. Crossing saddles LS slope, open on both ends. (36-inch pipe installed longitudinally along levee crown authorized under Permit No. 5200, -A, -B - 1967, Richvale Irrigation District, also authorized reinforced concrete double box culverts and three 72-inch siphon pipes) [Additional Reference(s): DWR Levee Log, 1993 (HLM 6.56)] Entry Last Updated : 4/17/2021	UCIPAPR2021 5200B
178	6.46	6.46	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 6.5. Entry Last Updated : 5/27/2015	GEILEVEELOG
620	6.46	6.46	Ramp	Ramp	Land Side	Fill ramps on landside slope. Entry Last Updated : 1/22/2020	USACEINSPECT
51	6.46	6.46	UCIP	Non-Round	Crossing	DS_ID:17513 EP_NO: 5200B Crossing Status: Found FIELD_STRUCT_DESC: 1 of 2: 6-foot by 6-foot and 3-inch reinforced irrigation concrete box culvert (box 1 of 2) through the levee at approximately 8.5 feet below the crown. Distribution box located on the waterside (WS) slope and concrete headwall visible on the landside (LS). (reinforced concrete double box culverts, three 72-inch siphon pipes, and one 36-inch pipe authorized under Permit No. 5200, -A, -B - 1967, Richvale Irrigation District) Entry Last Updated : 4/17/2021	UCIPAPR2021 5200B



## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

52	6.46	6.46	UCIP	Non-Round	Crossing	DS_ID:17515 EP_NO: 5200B Crossing Status: Indicator Found FIELD_STRUCT_DESC: 1 of 3: 72-inch reinforced concrete irrigation pipe across the channel with approximately 3 feet of cover. (three 72-inch siphon pipes, reinforced concrete double box culverts, and one 36-inch pipe authorized under Permit No. 5200, -A, -B - 1967, Richvale Irrigation District) Entry Last Updated : 4/17/2021	UCIPAPR2021 5200B
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53	6.46	6.46	UCIP	Culvert	Crossing	DS_ID:17517 EP_NO: 5200B Crossing Status: Indicator Found FIELD_STRUCT_DESC: 2 of 3: 72-inch reinforced concrete irrigation pipe across the channel with approximately 3 feet of cover. (three 72-inch siphon pipes, reinforced concrete double box culverts, and one 36-inch pipe authorized under Permit No. 5200, -A, -B - 1967, Richvale Irrigation District) Entry Last Updated : 4/17/2021	UCIPAPR2021 5200B
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54	6.46	6.46	UCIP	Non-Round	Crossing	DS_ID:17514 EP_NO: 5200B Crossing Status: Found FIELD_STRUCT_DESC: 1 of 2: 6 foot by 6-foot and 3-inch reinforced concrete irrigation box culvert (box 2 of 2) through the levee at approximately 8.5 feet below the crown. (reinforced concrete double box culverts, three 72-inch siphon pipes, and one 36-inch pipe authorized under Permit No. 5200, -A, -B - 1967, Richvale Irrigation District) Entry Last Updated : 4/17/2021	UCIPAPR2021 5200B
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59	6.47	6.47	UCIP	Culvert	Crossing	DS_ID:17516 EP_NO: 5200B Crossing Status: Indicator Found FIELD_STRUCT_DESC: 3 of 3: 72-inch reinforced concrete irrigation pipe across the channel with approximately 3 feet of cover. (three 72-inch siphon pipes, reinforced concrete double box culverts, and one 36-inch pipe authorized under Permit No. 5200, -A, -B - 1967, Richvale Irrigation District) Entry Last Updated : 4/17/2021	UCIPAPR2021 5200B
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1	6.47	6.47	Ramp	Ramp	Land Side	Entry Last Updated : 5/28/2015	LEVEELOG
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2	6.55	6.55	Structure	Weir	Land Side	Entry Last Updated : 5/28/2015	LEVEELOG
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3	6.80	6.80	Structure	Weir	Land Side	Entry Last Updated : 5/28/2015	LEVEELOG
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
187	6.85	6.85	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, overbuild about 10-feet x 45-feet. Entry Last Updated : 5/27/2015	USACEPI		
191	6.85	6.85	Ramp	Ramp	Land Side	Ramp Entry Last Updated : 1/22/2020	USACEPI		
198	6.97	6.97	Mark	Marker	Crown	Mile marker on the waterward shoulder. LM 7.0. Entry Last Updated : 5/27/2015	GEILEVEELOG		
628	6.98	6.98	Structure	Headwall	Land Side	Abandoned concrete box headwing wall structures on landside toe. Entry Last Updated : 6/2/2015	USACEINSPECT		
62	6.99	6.99	UCIP	Culvert	Crossing	DS_ID:16329 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete headwall on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 7.10). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 7.10), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 748+50E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021		
64	7.22	7.22	UCIP	Culvert	Crossing	DS_ID:16354 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete "U" headwall on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 7.34). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 7.34), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 736+00E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021		
631	7.23	7.23	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, overbuild about 10-feet x 45-feet. Entry Last Updated : 5/27/2015	USACEINSPECT		
204	7.45	7.45	Ramp	Ramp	Water Side	Fill ramp on waterside slope. Entry Last Updated : 5/27/2015	USACEPI		

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal						Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

4	7.46	7.46	Structure	Weir	Land Side	Weir at LS toe. Entry Last Updated : 6/2/2015	LEVEELOG
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66	7.46	7.46	UCIP	Culvert	Crossing	DS_ID:16352 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Screw gate on the landside (LS) end. Concrete headwall on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 7.58). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 7.58), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 724+32E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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205	7.50	7.50	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 7.5. Entry Last Updated : 5/28/2015	GEILEVEELOG
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633	7.61	7.61	Ramp	Ramp	Water Side	Fill ramp on waterside slope. Entry Last Updated : 6/2/2015	USACEINSPECT
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208	7.61	7.61	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 4/6/2015	GEILEVEELOG
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837	7.61	7.61	Gate	Metal	Crown	Entry Last Updated : 4/23/2015	INSPECTION
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838	7.62	7.62	Structure	Pole - Utility	Land Side	Pole located at LS toe. Entry Last Updated : 6/2/2015	INSPECTION
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67	7.63	7.63	UCIP	Conduit	Crossing	DS_ID:16318 EP_NO: 14704 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 4-inch fiber optic communication cable through the levees and across the channel of Cherokee Canal. The elevations of the right bank levee crown and the left bank levee crown at this location are approximately 115.6 feet, USED Datum. The flood plane elevation at this location is 112.1 feet, USED Datum. Permit records indicate a minimum cover of 42-inches over the cable within the levee sections. (fiber optic communications cable in conduit attached to bridge and through both levees authorized under Permit No. 14704, 1987 - US Sprint) Contact information for CA082612 cable/fiber line is 1-800-521-0579. [Additional Reference(s): DWR Levee Log, 1993 (HLM 7.75)] Entry Last Updated : 4/17/2021	UCIPAPR2021 14704
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal						Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source	
	Start	End					Permits	
98	7.63	7.63	Structure	Bridge	Crown	Ridgevale highway crossing. Entry Last Updated : 1/23/2020	LEVEELOG	
636	7.63	7.63	At Grade	Road / Highway	Crossing	Ridgevale highway crossing. Entry Last Updated : 1/23/2020	USACEINSPECT	
148	7.63	7.63	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. Entry Last Updated : 2/6/2020	LEVEELOG	
207	7.63	7.63	Gate	Metal	Crown	Cross fence, pipe gate. Entry Last Updated : 4/17/2015	H_LL_GENERAL	
68	7.63	7.63	UCIP	Conduit	Crossing	DS_ID:16319 EP_NO: 10589 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 4-inch steel communication line containing two 1-inch and one 1.5-inch pipes at a depth of 2.7 feet below the crown. (communications cable across channel and levees authorized under Permit No. 10589, 1975 -Pacific Telephone and Telegraph Company [PT&T]) [Additional Reference(s): DWR Levee Log, 1993 (HLM 7.75)] Entry Last Updated : 4/17/2021	UCIPAPR2021 10589	
70	7.64	7.64	UCIP	Culvert	Crossing	DS_ID:16320 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 9.9 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in corrugated metal pipe riser on the WS slope. Concrete "U" headwalls on both ends. Spillway grouted for 35 feet. [Additional Reference(s): DWR Levee Log, 1993 (HLM 7.76). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 7.76), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 714+28E, page 19 of 28 electronic file, listed as 48-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021	
214	7.65	7.65	Ramp	Ramp	Water Side	Ramp on the waterward slope Entry Last Updated : 1/22/2020	GEILEVEELOG	
206	7.66	8.78	Fence	Barbed Wire	Water Side	Metal fence posts 3-feet high on waterside toe. Entry Last Updated : 4/17/2015	USACEPI	
218	7.88	7.88	Mark	Marker	Crown	Mile marker on waterside shoulder. Entry Last Updated : 4/6/2015	H_LL_GENERAL	

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

7	7.89	7.89	Ramp	Ramp	Land Side	Entry Last Updated : 5/28/2015	LEVEELOG
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71	8.00	8.00	UCIP	Culvert	Crossing	DS_ID:16321 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both ends. Flashboards should be present on the landside (LS). [Additional Reference(s): DWR Levee Log, 1993 (HLM 8.11). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 8.12), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 696+00E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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641	8.06	8.06	Ramp	Ramp	Land Side	Entry Last Updated : 4/17/2015	USACEINSPECT
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72	8.27	8.27	UCIP	Culvert	Crossing	DS_ID:16322 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 9.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both ends. Flashboards should be present on the landside (LS). [Additional Reference(s): DWR Levee Log, 1993 (HLM 8.40). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 8.40), As-built DWG No. 50-4-3608, Sheet No. 3608/18, STA 681+30E, page 19 of 28 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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244	8.38	8.38	Mark	Marker	Crown	Mile marker on waterside shoulder. Entry Last Updated : 4/17/2015	H_LL_GENERAL
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245	8.45	8.45	Miscellaneous	Turnout	Land Side	Turnout on the landward side. Fill turnout on landside slope, overbuild about 10-feet x 50-feet. Entry Last Updated : 4/17/2015	GEILEVEELOG
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40	8.80	8.80	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	LEVEELOG
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254	8.80	8.80	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	USACEPI
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

73	8.82	8.82	UCIP	Non-Round	Crossing	DS_ID:16323 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Richvale Irrigation Canal Siphon] 60-inch by 84-inch (5-foot by 7 foot) concrete irrigation conduit through the levee, 18.4 feet below the crown. Distribution box and walkway are located on the waterside (WS). Concrete headwall on the landside (LS). 28-foot reinforced concrete protective slab on top of the conduit in the center of the levee. [Additional Reference(s): DWR Levee Log, 1993 (HLM 8.95). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 8.95), listed as 5-foot by 7-foot concrete conduit, As-built DWG No. 50-4-3608, Sheet No. 3608/20, STA 651+66E, page 21 of 28 electronic file, listed as 6-foot diameter concrete pipe (siphon)] Entry Last Updated : 4/17/2021	UCIPAPR2021
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74	8.82	8.82	UCIP	Non-Round	Crossing	DS_ID:16324 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 1 of 2: 48-inch by 48-inch (4-foot by 4-foot) concrete irrigation conduit through the levee 13.9 feet below the crown. This crossing record is for the upstream conduit. Sluice gates on the concrete headwall on the waterside (WS) side. Wooden walkway to the sluice gates. Concrete "U" headwall on the landside (LS) end. WS slope cobble revetted. [Additional Reference(s): DWR Levee Log, 1993 (HLM 8.96). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 8.96), listed as two 4.5-foot by 4.5-foot concrete conduits, As-built DWG No. 50-4-3608, Sheet No. 3608/20, 28, STA 651+11E, page 21, 27, 28 (dup) of 28 electronic file, listed as dual 4'-6" concrete conduit (irrigation structure)] Entry Last Updated : 4/17/2021	UCIPAPR2021
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75	8.83	8.83	UCIP	Non-Round	Crossing	DS_ID:17521 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 2 of 2: 48-inch by 48-inch (4-foot by 4-foot) concrete conduits through the levee, 13.9 feet below the crown. This crossing is for the downstream conduit. Sluice gates on the concrete headwall on the waterside (WS). Wooden walkway to the sluice gates. Concrete "U" headwall on the landside (LS) end. WS slope cobble revetted. [Additional Reference(s): DWR Levee Log, 1993 (HLM 8.96). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 8.96), listed as two 4.5-foot by 4.5-foot concrete conduits, As-built DWG No. 50-4-3608, Sheet No. 3608/20, 28, STA 651+11E, page 21, 27, 28 (dup) of 28 electronic file, listed as dual 4'-6" concrete conduit (irrigation structure)] Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

76	8.84	8.84	UCIP	Culvert	Crossing	DS_ID:16325 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe angled through the levee, 12.6 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Slide gate on the WS end. Concrete "U" headwall on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 8.98). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 8.98), As-built DWG No. 50-4-3608, Sheet No. 3608/18, 20, STA 648+55.16E, page 19, 21 of 28 electronic file, listed as 24-inch CMP] Entry Last Updated : 4/17/2021	UCIPAPR2021
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149	8.85	8.85	Fence	Metal	Land Side	Access gate on crown with fence on landside slope Entry Last Updated : 2/6/2020	LEVEELOG
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814	8.85	8.85	Gate	Metal	Crossing	Access gate on crown with fence on landside slope Entry Last Updated : 4/17/2015	INSPECTION
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815	8.87	8.87	At Grade	Railroad	Crossing	Entry Last Updated : 4/16/2015	INSPECTION
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77	8.88	8.88	UCIP	Pipe	Crossing	DS_ID:16326 EP_NO: 3836 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 8.625-inch high pressure steel fuel line through the levee, 3.2 feet below the crown. Marker located on the waterside (WS). Kinder Morgan is the owner of line--contact information is 213.624.9461 or Chico Local Area Manager, Frank Villalovos 530.342.6140 (o) or 530.624.4048 ? Or email villalovosf@kindermorgan.com. Additional contact is Ken Yeo, Sacramento Local Area Manager, at 916.416.7938 or by email yeok@kindermorgan.com. Frank Villalovos is the primary contact for this crossing. (8.625-inch pipe authorized under Permit No. 3836, 1962 - Southern Pacific Pipelines Inc.) [Additional Reference(s): DWR Levee Log, 1993 (HLM 9.01)] Entry Last Updated : 4/17/2021	UCIPAPR2021 3836
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817	8.89	8.89	Mark	Marker	Crown	Mile marker on WS shoulder. LM 9.0. Entry Last Updated : 6/2/2015	INSPECTION
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253	8.89	8.91	Fence	Barbed Wire	Water Side	Barbed wire fence at landside toe. Entry Last Updated : 6/2/2015	USACEPI
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

78	8.89	8.89	UCIP	Culvert	Crossing	DS_ID:16828 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 72-inch irrigation pipe through the levee located 14.2 feet below the crown. Appurtenances include concrete pipe siphon, screw gate, and distribution box visible on the landside (LS). No appurtenances found on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1993 (HLM 9.02), listed as 60-inch pipe. USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 9.02), listed as 72-inch pipe siphon, As-built DWG No. 50-4-3608, Sheet No. 3608/20, STA 646+33.31E, page 21 of 28 electronic file, listed as 6-foot diameter concrete pipe (siphon)] Entry Last Updated : 4/17/2021	UCIPAPR2021
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79	8.90	8.90	UCIP	Conduit	Crossing	DS_ID:16328 EP_NO: 1234A Crossing Status: Indicator Found FIELD_STRUCT_DESC: Underground telephone cable through the levee at an unknown depth below the crown. (buried and submarine cables authorized under Permit No. 1234, 1234A, 1947 - Pacific Telephone and Telegraph Company [PT&T]) [Additional Reference(s): DWR Levee Log, 1993 (HLM 9.03)] Entry Last Updated : 4/17/2021	UCIPAPR2021 1234A
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658	8.91	9.18	Ditches	Unlined	Land Side	Landside farmers ditch 10-foot wide and about 6-feet deep, 15- to 20-feet from landside toe. Entry Last Updated : 4/17/2015	USACEINSPECT
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42	8.92	8.92	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	LEVEELOG
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648	8.92	8.92	Ramp	Ramp	Land Side	Entry Last Updated : 1/23/2020	USACEINSPECT
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655	8.92	9.33	Fence	Barbed Wire	Land Side	Metal fence posts 3-feet high on landside toe. Barbed wire connects the fence posts in places. Entry Last Updated : 6/2/2015	USACEINSPECT
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

80	8.95	8.95	UCIP	Culvert	Crossing	DS_ID:16317 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both ends. Flashboards should be present on the landside (LS). [Additional Reference(s): DWR Levee Log, 1993 (HLM 9.09). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 9.09), As-built DWG No. 50-4-3511, Sheet No. 3511/28.2, STA 644+50E listed under Right Bank should be STA 644+50W, page 28 of 31 electronic file, listed as 36-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
661	9.07	9.07	Structure	Weir	Land Side	Concrete weir in landside ditch at landside toe. Entry Last Updated : 4/17/2015	USACEINSPECT
665	9.38	9.38	Miscellaneous	Turnouts	Land Side	Fill turnout on landside slope, overbuild about 30-feet x 15-feet. Entry Last Updated : 6/2/2015	USACEINSPECT
818	9.38	9.38	Mark	Marker	Crown	Mile marker on WS shoulder. LM 9.5. Entry Last Updated : 6/2/2015	INSPECTION
263	9.73	9.88	Fence	Barbed Wire	Water Side	Fence along the waterward toe. Entry Last Updated : 4/6/2015	GEILEVEELOG
137	9.77	9.77	Structure	Pole - Utility	Land Side	Pole located at LS toe. Entry Last Updated : 1/23/2020	LEVEELOG
139	9.77	9.89	Aerial	High Voltage	Land Side	Overhead power along landside toe Entry Last Updated : 1/23/2020	LEVEELOG
81	9.80	9.80	UCIP	Conduit	Crossing	DS_ID:16330 EP_NO: 6713A Crossing Status: Indicator Found FIELD_STRUCT_DESC: 4-inch steel communication conduit through the levee, approximately 2.3 feet below the crown. Telephone cable sleeved through conduit. (buried communication cable across levees and channel authorized under Permit No. 6713, 6713A, 1979 - Pacific Telephone and Telegraph [PT&T], located 3-feet upstream and in line with 2 existing conduits also authorized under PN 6713) [Additional Reference(s): DWR Levee Log, 1993 (HLM 9.96)] Entry Last Updated : 4/17/2021	UCIPAPR2021 6713A

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

83	9.80	9.80	UCIP	Conduit	Crossing	DS_ID:17131 EP_NO: 6713 Crossing Status: Indicator Found FIELD_STRUCT_DESC: Underground steel communication conduit, containing multiple telephone cables, through the levee, 2.8 feet below the crown. (two conduits buried authorized under Permit No. 6713, 6713A, 1979 - Pacific Telephone and Telegraph [PT&T], also authorized communication cable across levees and channel located 3-feet downstream authorized under PN 6713-A) Entry Last Updated : 4/17/2021	UCIPAPR2021 6713
82	9.80	9.80	UCIP	Conduit	Crossing	DS_ID:17132 EP_NO: 6713 Crossing Status: Indicator Found FIELD_STRUCT_DESC: *DUPLICATE RECORD -- DELETE* Underground telephone cable through the levee at a depth of 2.8 feet below the crown. Cables sleeved through a 4-inch steel pipe. (Permit No. 6713, 1970 - Pacific Telephone and Telegraph Company [PT&T]) --- delete see DS_ID 17131 Entry Last Updated : 4/17/2021	UCIPAPR2021 6713
500	9.84	9.84	Structure	Pole - Utility	Land Side	Power pole within 10-feet of LS toe. Guy wire at toe. Entry Last Updated : 4/13/2015	INSPECTION
277	9.84	9.84	Gate	Metal	Crown	Pipe gate across levee crown. Entry Last Updated : 4/6/2015	H_LL_GENERAL
56	9.85	9.85	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	LEVEELOG
269	9.85	9.85	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	USACEPI
280	9.86	9.86	Mark	Marker	Crown	Mile marker on waterward shoulder. Entry Last Updated : 5/27/2015	H_LL_GENERAL
674	9.87	9.87	Fence	Chain Link	Land Side	PG&E gas pipe line station at landside toe. Entry Last Updated : 4/13/2015	USACEINSPECT
284	9.87	9.87	Structure	Guardrail	Crown	Guardrail to bridge over Cherokee Canal. Entry Last Updated : 4/6/2015	H_LL_GENERAL
104	9.87	9.87	Structure	Bridge	Crown	State Highway 162 (Butte City Hwy) crosses the levee at the crown elevation. Entry Last Updated : 1/23/2020	LEVEELOG

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal						Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source	
	Start	End					Permits	
285	9.87	9.87	At Grade	Road / Highway	Crossing	State Highway 162 (Butte City Hwy) crosses the levee at the crown elevation. Entry Last Updated : 10/9/2015	H_LL_GENERAL	
84	9.88	9.88	UCIP	Pipe	Crossing	DS_ID:16331 EP_NO: 1238 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 8-inch high pressure gas line through the levee, 13.3 feet below the crown. Substation with wire enclosure at the landside (LS) toe. (6.625-inch gas line authorized under Permit No. 1238, 1947 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 1993 (HLM 10.03). USACE Sacramento O&M Manual 519, June 1962 (HLM 10.03), listed as 8-inch gas line] Entry Last Updated : 4/17/2021	UCIPAPR2021 1238	
677	9.89	9.89	Structure	Pole - Utility	Land Side	Guyed utility pole on landside slope, just south of Hwy 162. Entry Last Updated : 4/13/2015	USACEINSPECT	
286	9.89	9.89	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 4/6/2015	H_LL_GENERAL	
675	9.89	9.89	Structure	Gauge	Water Side	Staff gauge on waterside toe downstream of Hwy 162. Entry Last Updated : 4/13/2015	USACEINSPECT	
287	9.89	9.89	Gate	Metal	Crown	Cross fence, pipe gate. Entry Last Updated : 6/2/2015	GEILEVEELOG	
678	9.89	10.22	Fence	Barbed Wire	Land Side	Barbed wire fence at landside toe. Entry Last Updated : 4/13/2015	USACEINSPECT	
291	10.22	10.22	Structure	Pipe Section	Land Side	24-inch diameter CMP culvert in landside ditch within 15-feet of landside toe. Entry Last Updated : 6/2/2015	USACEPI	
292	10.22	10.87	Fence	Barbed Wire	Water Side	Barbed wire fence 3-feet high on waterside toe. Entry Last Updated : 4/13/2015	USACEPI	
804	10.22	11.01	Ditches	Unlined	Land Side	Landside ditch, 6-feet wide and about 4-feet deep, 5- to 10-feet from LS toe. Entry Last Updated : 4/13/2015	INSPECTION	
685	10.26	10.26	Miscellaneous	Turnouts	Land Side	Turnout on landside slope, overbuild about 30-feet x 15-feet. Entry Last Updated : 4/13/2015	USACEINSPECT	

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
303	10.34	10.34	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 10.5. Entry Last Updated : 4/14/2015	H_LL_GENERAL		
305	10.65	10.65	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, overbuild about 30-feet x 15-feet. Entry Last Updated : 6/2/2015	USACEPI		
307	10.84	10.84	Mark	Marker	Crown	Mile marker on waterward shoulder. LM 11. Entry Last Updated : 6/2/2015	H_LL_GENERAL		
308	10.90	10.90	Ramp	Ramp	Water Side	Entry Last Updated : 4/10/2015	H_LL_GENERAL		
703	10.91	11.03	Ditches	Unlined	Water Side	Irrigation diversion canal within 35-feet of waterside toe. Canal has intermittent weirs to raise water level for irrigation diversions. Entry Last Updated : 4/13/2015	USACEINSPECT		
692	11.02	11.02	Ramp	Ramp	Water Side	Fill access ramp on waterside. Entry Last Updated : 6/2/2015	USACEINSPECT		
270	11.02	11.02	Structure	Pump Station	Land Side	Groundwater well. Entry Last Updated : 6/2/2015	INSPECTION		
696	11.03	11.03	Ramp	Ramp	Land Side	Ramp perpendicular to levee on landside. Entry Last Updated : 4/13/2015	USACEINSPECT		
85	11.03	11.03	UCIP	Culvert	Crossing	DS_ID:16332 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 60-inch corrugated metal drainage pipe through the levee, 11.5 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Concrete "U" headwall on both ends and weir in channel. Crossing is used as an irrigation turnout. [Additional Reference(s): DWR Levee Log, 1993 (HLM 11.21). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 11.21), As-built DWG No. 50-4-3511, Sheet No. 3511/10.3, STA 534+52E, page 10 of 31 electronic file, listed as 60-inch CMP through the levee; As-built DWG No. 50-4-3037 and DWG No. 50-4-3511 sheet 3511/28 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021		
805	11.03	13.33	Ditches	Unlined	Water Side	Canal has intermittent weirs to raise water level for irrigation diversions. Entry Last Updated : 6/2/2015	INSPECTION		

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
271	11.12	11.12	Structure	Stairs	Land Side	Stairs cut into LS slope. Entry Last Updated : 6/2/2015	INSPECTION		
272	11.21	11.21	Structure	Stairs	Land Side	Stairs cut into LS slope. Entry Last Updated : 6/2/2015	INSPECTION		
274	11.31	11.31	Structure	Stairs	Land Side	Stairs cut into LS slope. Entry Last Updated : 6/2/2015	INSPECTION		
704	11.33	11.33	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, overbuild about 30-feet x 15-feet. Entry Last Updated : 6/2/2015	USACEINSPECT		
309	11.33	11.33	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 11.5 Entry Last Updated : 4/14/2015	H_LL_GENERAL		
275	11.41	11.41	Structure	Stairs	Land Side	Stairs cut into LS slope. Entry Last Updated : 6/2/2015	INSPECTION		
288	11.59	11.59	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	INSPECTION		
88	11.60	11.60	UCIP	Culvert	Crossing	DS_ID:16333 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 60-inch corrugated metal drainage pipe angled through the levee, 11.3 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Concrete "U" headwall on both ends. Crossing is used as an irrigation turnout bar code plate located on the WS slide gate (identified as 145). [Additional Reference(s): DWR Levee Log, 1993 (HLM 11.78). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 11.78), listed as 60-inch pipe, As-built DWG No. 50-4-3511, Sheet No. 3511/9.3, 28.2, STA 504+71E, page 9, 28 of 31 electronic file, As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021		
57	11.61	11.61	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	LEVEELOG		
706	11.61	11.61	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	USACEINSPECT		
317	11.84	11.84	Mark	Marker	Crown	Mile marker on waterward shoulder. LM 12.0. Entry Last Updated : 6/3/2015	GEILEVEELOG		

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile	Category	Item	Location	Comment	Source
	Start	End				Permits

710	11.88	11.88	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, about 30-feet by 15-feet. Entry Last Updated : 6/3/2015	USACEINSPECT
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61	12.15	12.15	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	LEVEELOG
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711	12.15	12.15	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	USACEINSPECT
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290	12.17	12.17	Ramp	Ramp	Land Side	Entry Last Updated : 4/14/2015	INSPECTION
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326	12.18	12.18	Structure	Weir	Water Side	A concrete weir crosses the stream. Entry Last Updated : 4/13/2015	USACEPI
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89	12.19	12.19	UCIP	Culvert	Crossing	DS_ID:16334 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal siphon pipe through the levee, 11 feet below the crown. Pipe size changes from 30-inch pipe through levee to a 24-inch pipe underneath the canal. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Concrete "U" headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 1993 (HLM 12.35). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 12.37), listed as 30-inch pipe, As-built DWG No. 50-4-3511, Sheet No. 3511/9.3, 24.1, STA 473+86E, page 9, 24 of 31 electronic file, listed as combination of new 30-inch section pipe through the levee and existing 24-inch concrete siphon pipe through the channel (Keller Siphon structure, irrigation facilities); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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92	12.19	12.19	UCIP	Culvert	Crossing	DS_ID:16335 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 9.8 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Concrete "U" headwall on the landside (LS). This crossing is used as an irrigation turnout bar code plate located on the WS slide gate (identified as 144). [Additional Reference(s): DWR Levee Log, 1993 (HLM 12.36). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 12.38), listed as 36-inch pipe, As-built DWG No. 50-4-3511, Sheet No. 3511/9.3, STA unk, page 9 of 31 electronic file, As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
323	12.31	12.31	Mark	Marker	Crown	Mile marker on the waterside shoulder. LM 12.5. Entry Last Updated : 4/13/2015	H_LL_GENERAL		
329	12.44	12.44	Miscellaneous	Turnout	Land Side	Turnout on landside slope, overbuild section about 30-feet x 15-feet. Entry Last Updated : 4/13/2015	USACEPI		
334	12.73	12.73	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
94	12.74	12.74	UCIP	Culvert	Crossing	DS_ID:16336 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 10.7 feet below the crown. Slide gate in corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete "U" headwalls on both ends. This crossing is used as an irrigation turnout bar code plate located on the WS slide gate (identified as 141 and 142). [Additional Reference(s): DWR Levee Log, 1993 (HLM 12.94). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 12.94), As-built DWG No. 50-4-3511, Sheet No. 3511/8.3, STA 444+29E, page 8 of 31 electronic file, listed as 30-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021		
806	12.80	12.80	Mark	Marker	Crown	Mile marker on WS shoulder. LM 13. Entry Last Updated : 4/13/2015	INSPECTION		
722	13.29	13.29	Ramp	Ramp	Land Side	Entry Last Updated : 6/3/2015	USACEINSPECT		
350	13.29	13.29	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 13.5. Entry Last Updated : 4/13/2015	H_LL_GENERAL		
153	13.29	13.29	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. Entry Last Updated : 2/6/2020	LEVEELOG		
340	13.29	13.29	Gate	Metal	Crown	Cross fence, pipe gate. Entry Last Updated : 6/3/2015	H_LL_GENERAL		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
95	13.29	13.29	UCIP	Conduit	Crossing	DS_ID:16461 EP_NO: 17030 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 8-inch high density polyethylene (HDPE) communication conduit, contains three 2-inch and three 1.5-inch fiber optic cables, backfilled with bentonite on the ends of the bore casing through the levee at an unknown depth below the crown. Conduit is bored across and under Cherokee Canal and its levees. Permit records indicates the conduit is at least 5 feet below the bottom of the low flow of the channel. Owner is listed in the permit as Pacific Fiber Link LLC but permit Inspection sheets list Worldwide Fiber. (three 2-inch and three 1.5-inch pipes containing fiber optic cables across and under (bored) Cherokee Canal and its levees authorized under Permit No. 17030, 2000 - Worldwide Fiber) Entry Last Updated : 4/17/2021	UCIPAPR2021 17030		
140	13.29	13.29	Structure	Pole - Utility	Water Side	Entry Last Updated : 1/23/2020	LEEVELOG		
807	13.29	13.29	Aerial	High Voltage	Crossing	Entry Last Updated : 1/23/2020	INSPECTION		
11	13.29	13.29	At Grade	Road / Highway	Crossing	Road crossing goes by either Afton Road or Briggs Princeton Road. Entry Last Updated : 10/9/2015	LEEVELOG		
105	13.30	13.30	Structure	Bridge	Crown	Entry Last Updated : 1/23/2020	LEEVELOG		
154	13.31	13.31	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. Entry Last Updated : 2/6/2020	LEEVELOG		
349	13.31	13.31	Gate	Metal	Crown	Cross fence, pipe gate. Entry Last Updated : 6/3/2015	H_LL_GENERAL		
141	13.32	13.32	Aerial	High Voltage	Crossing	Entry Last Updated : 1/23/2020	LEEVELOG		
723	13.32	13.32	Structure	Pole - Utility	Water Side	Entry Last Updated : 1/23/2020	USACEINSPECT		



## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

101	13.33	13.33	UCIP	Culvert	Crossing	DS_ID:16337 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11.1 feet below the crown. Slide gate in corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 13.53). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 13.53), As-built DWG No. 50-4-3511, Sheet No. 3511/8.3, 31.2, STA 359+08W, page 8, 31 of 31 electronic file, listed as 24-inch CMP pipe through the levee; As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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725	13.34	13.34	Ramp	Ramp	Water Side	Fill access ramp on waterside. Entry Last Updated : 6/3/2015	USACEINSPECT
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301	13.74	13.74	Ramp	Ramp	Land Side	Entry Last Updated : 4/14/2015	INSPECTION
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734	13.74	13.74	Mark	Marker	Land Side	6-foot tall stake with red flag posted 2-feet from landside hinge on landside slope. Entry Last Updated : 6/3/2015	USACEINSPECT
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155	13.76	13.76	Fence	Barbed Wire	Water Side and Land Side	Barbed wire fence and pipegate on crown. Entry Last Updated : 2/6/2020	LEVEELOG
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344	13.76	13.76	Gate	Metal	Crown	Barbed wire fence and pipegate on crown. Entry Last Updated : 6/3/2015	USACEPI
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102	13.76	13.76	UCIP	Culvert	Crossing	DS_ID:16338 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe angled through the levee, 12.7 feet below the crown. Flap gate on the waterside (WS). Concrete "U" headwall on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 13.96). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 13.96), As-built DWG No. 50-4-3511, Sheet No. 3511/7. unable to read exact page, STA 336+56W, page 7 of 31 electronic file, listed as 24-inch CMP] Entry Last Updated : 4/17/2021	UCIPAPR2021
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306	13.77	13.77	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	INSPECTION
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
103	13.77	13.77	UCIP	Culvert	Crossing	DS_ID:16339 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 3 feet below the crown. Gate valve on the waterside (WS) slope. 0.25-inch steel plate welded on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 13.97). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 13.97), As-built DWG No. 50-4-3511, Sheet No. 3511/7. unable to read exact page and 24.1, STA 334+60W, page 7, 24 of 31 electronic file, listed as 12-inch steel pipe with welded 1/4-inch steel plate on both ends of the pipe (WS and LS)] Entry Last Updated : 4/17/2021	UCIPAPR2021		
320	13.79	13.79	Mark	Marker	Crown	Mile marker on WS shoulder. LM 14.0. Entry Last Updated : 6/3/2015	INSPECTION		
732	13.80	13.80	Ramp	Ramp	Water Side	Fill access ramp on waterside. Entry Last Updated : 6/3/2015	USACEINSPECT		
352	13.81	14.58	Fence	Barbed Wire	Water Side	Fence along waterward toe. Includes t-posts with some strands of wire. Entry Last Updated : 6/3/2015	H_LL_GENERAL		
355	14.00	14.00	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, about 30-feet x 15-feet. Entry Last Updated : 6/3/2015	USACEPI		
322	14.00	14.00	Mark	Marker	Land Side	Stake with red flag on hinge point. Entry Last Updated : 6/3/2015	INSPECTION		
741	14.22	14.95	Ditches	Unlined	Land Side	Landside Ditch, 15-feet wide and about 6-feet deep, located 15- to 20-feet from toe. Entry Last Updated : 6/3/2015	USACEINSPECT		
63	14.22	14.22	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	LEVEELOG		
356	14.22	14.22	Mark	Marker	Land Side	6-foot tall stake with red flag posted 2-feet from landside hinge on landside slope. Entry Last Updated : 6/3/2015	USACEPI		
357	14.22	14.22	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	USACEPI		
363	14.33	14.33	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 14.5. Entry Last Updated : 6/3/2015	H_LL_GENERAL		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
362	14.46	14.46	Mark	Marker	Crown	6-foot tall stake with red flag posted 2-feet from landside hinge on landside slope. Entry Last Updated : 6/3/2015	USACEPI		
108	14.58	14.58	UCIP	Culvert	Crossing	DS_ID:16368 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 12.9 feet below the crown. Concrete "U" headwalls on both waterside (WS) and landside (LS) ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 14.79). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 14.79), As-built DWG No. 50-4-3511, Sheet No. 3511/7. unable to read exact page, STA 293+17W, page 7 of 31 electronic file, listed as 36-inch CMP] Entry Last Updated : 4/17/2021	UCIPAPR2021		
372	14.58	14.58	Gate	Metal	Crown	Pipe gate across crown. Entry Last Updated : 4/14/2015	H_LL_GENERAL		
748	14.58	14.58	Ramp	Ramp	Land Side	Entry Last Updated : 6/3/2015	USACEINSPECT		
369	14.58	14.58	Mark	Marker	Land Side	6-foot tall stake with red flag posted 2-feet from landside hinge on landside slope. Entry Last Updated : 6/3/2015	USACEPI		
687	14.60	14.84	Fence	Metal	Water Side	Entry Last Updated : 1/21/2020	INSPECTION		
749	14.68	14.68	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, overbuild section about 30-feet x 15-feet. Entry Last Updated : 6/3/2015	USACEINSPECT		
751	14.88	14.88	Ramp	Ramp	Land Side	Fill ramp on landside Entry Last Updated : 1/23/2020	USACEINSPECT		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

110	14.91	14.91	UCIP	Culvert	Crossing	DS_ID:16367 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 12.4 feet below the crown. Concrete "U" headwalls on both waterside (WS) and landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 15.12). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 15.12), As-built DWG No. 50-4-3511, Sheet No. 3511/6. unable to read exact page, STA 276+00W, page 6 of 31 electronic file, listed as 36-inch CMP; As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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753	14.93	14.95	Fence	Barbed Wire	Land Side	Barbed wire fence 2-feet from landside toe, 200-feet long. Entry Last Updated : 6/3/2015	USACEINSPECT
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379	14.95	14.95	Gate	Metal	Crown	Pipe gate across crown Entry Last Updated : 4/6/2015	GEILEVEELOG
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714	14.95	15.74	Fence	Barbed Wire	Water Side	Entry Last Updated : 5/29/2015	INSPECTION
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758	14.97	14.97	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, overbuild about 30-feet x 15-feet. Entry Last Updated : 6/3/2015	USACEINSPECT
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384	15.28	15.28	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 15.5. Entry Last Updated : 6/3/2015	H_LL_GENERAL
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385	15.35	15.35	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, overbuild about 30-feet by 15-feet. Entry Last Updated : 6/3/2015	USACEPI
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69	15.71	15.71	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	LEVEELOG 8182
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389	15.71	15.71	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	USACEPI 8182
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

112	15.72	15.72	UCIP	Culvert	Crossing	DS_ID:16364 EP_NO: 7521 Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 13.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both ends. A 48-inch corrugated metal standpipe located approximately 12 feet from landside (LS) levee toe. (30-inch pipe authorized under Permit No. 7521, 1972 - Askew Ranch, replace intake structure with standpipe for drainage pump on LS) [Additional Reference(s): DWR Levee Log, 1993 (HLM 15.95). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 15.95), As-built DWG No. 50-4-3511, Sheet No. 3511/6. unable to read exact page, STA 232+93W, page 6 of 31 electronic file, listed as 30-inch CMP; As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021 7521
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156	15.75	15.75	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. Entry Last Updated : 2/6/2020	LEVEELOG
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391	15.75	15.75	Gate	Metal	Crown	Cross fence, pipe gate. Entry Last Updated : 6/3/2015	H_LL_GENERAL
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762	15.75	15.75	Ramp	Ramp	Land Side	Fill access ramp on landside. Entry Last Updated : 6/3/2015	USACEINSPECT
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393	15.76	15.76	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 16.0. Entry Last Updated : 6/3/2015	H_LL_GENERAL
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113	15.77	15.77	UCIP	Culvert	Crossing	DS_ID:16373 EP_NO: 11805B Crossing Status: Found FIELD_STRUCT_DESC: 48-inch reinforced concrete irrigation pipe with six concrete collars through the levee, 14.4 feet below the crown to center of conduit. Slide gate, head-wall and wood walkway on two concrete piers on the waterside (WS) of levee. Revetment on the WS slope. Irrigation ditch on the landside (LS). (two 30-inch pipes and one 48-inch pipe authorized under Permit No. 11805, - A, -B, and -C 1979 - Elna Schohr, Inc.) [Additional Reference(s): DWR Levee Log, 1993 (HLM 16.00)] Entry Last Updated : 4/17/2021	UCIPAPR2021 11805B
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765	15.78	15.78	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	USACEINSPECT
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808	15.80	17.23	Fence	Barbed Wire	Water Side	Fence located at WS toe. Entry Last Updated : 6/3/2015	INSPECTION
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
767	16.18	16.18	Miscellaneous	Turnout	Water Side	Fill turnout on landside slope, overbuild about 60-feet by 20-feet, just up stream of bridge. Entry Last Updated : 6/3/2015	USACEINSPECT		
400	16.19	16.19	Structure	Bridge	Crown	Bridge consisting of two 10-feet by 10-feet concrete boxes with stop logs, concrete wing walls, shot crete cobble revetment on upstream approach to landside. Entry Last Updated : 6/3/2015	USACEPI		
118	16.19	16.19	UCIP	Non-Round	Crossing	DS_ID:16372 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: Two 10-foot by 10-foot concrete drain openings through the levee at an unknown depth below the crown. Wooden bridge, 10 ton load limit. [Additional Reference(s): DWR Levee Log, 1993 (HLM 16.43). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 16.43), listed as two 9.9-foot by 9.7-foot concrete conduits, As-built DWG No. 50-4-3511, Sheet No. 3511/27.1, STA 208+02W, page 27 of 31 electronic file, listed as drainage structure] Entry Last Updated : 4/17/2021	UCIPAPR2021		
399	16.20	16.20	Non-Project Levee	Spur	Land Side	Spur levee with pipe cable gate on landside just south of bridge. Entry Last Updated : 6/3/2015	USACEPI		
771	16.20	16.20	Gate	Cable	Land Side	Pipe cable-gate to spur levee on landside just south of bridge. Entry Last Updated : 6/3/2015	USACEINSPECT		
809	16.20	16.20	Miscellaneous	Turnout	Land Side	Located down stream of bridge. Entry Last Updated : 6/3/2015	INSPECTION		
769	16.22	17.18	Ditches	Unlined	Land Side	Landside Ditch, 4-foot wide and about 2-feet deep, located at landside toe. Entry Last Updated : 6/3/2015	USACEINSPECT		
407	16.27	16.27	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 16.5. Entry Last Updated : 6/3/2015	H_LL_GENERAL		
772	16.71	16.71	Miscellaneous	Turnout	Land Side	Fill turnout on landside slope, overbuild about 30-feet by 15-feet. Entry Last Updated : 6/3/2015	USACEINSPECT		
409	16.74	16.74	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 17.0. Entry Last Updated : 6/3/2015	H_LL_GENERAL		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

773	16.77	16.77	Structure	Pipe Section	Land Side	Concrete box with flashboards, 18-inch diameter culvert in ditch at landside toe. Entry Last Updated : 2/6/2020	USACEINSPECT
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119	17.18	17.18	UCIP	Conduit	Crossing	DS_ID:16371 EP_NO: 3511 Crossing Status: Not Found FIELD_STRUCT_DESC: U.S. Army communication cable through the levee, 3 feet below the crown. (underground cable authorized under Permit No. 3511, 1961 - US Army Engineer District) [Additional Reference(s): DWR Levee Log, 1993 (HLM 17.42)] Entry Last Updated : 4/17/2021	UCIPAPR2021 3511
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126	17.19	17.19	UCIP	Pipe	Crossing	DS_ID:16370 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 1 of 2: 42-inch corrugated metal irrigation pipe through the levee, 13.5 feet below the crown. Slide gates in corrugated metal pipe risers on the waterside (WS) slope. Concrete headwall on the WS end. Distribution box on the landside (LS) with three pumps mounted on I-beam. [Additional Reference(s): DWR Levee Log, 1993 (HLM 17.43). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 17.43), As-built DWG No. 50-4-3511, Sheet No. 3511/26.2, STA 155+66W, page 26 of 31 electronic file, listed as two 42-inch CMPs through the levee (irrigation structure); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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129	17.19	17.19	UCIP	Pipe	Crossing	DS_ID:17133 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 2 of 2: 42-inch corrugated metal irrigation pipe through the levee, 13.5 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Concrete headwall on the WS end. Distribution box on the landside (LS) with three pumps mounted on I-beam. [Additional Reference(s): DWR Levee Log, 1993 (HLM 17.43). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 17.43), As-built DWG No. 50-4-3511, Sheet No. 3511/26.2, STA 155+66W, page 26 of 31 electronic file, listed as two 42-inch CMPs through the levee (irrigation structure); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

132	17.23	17.23	UCIP	Culvert	Crossing	DS_ID:16369 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal CIPP-lined drainage pipe through the levee, 8.1 feet below the crown. Flap gate on the waterside (WS). Concrete "U" headwalls on both WS and landside (LS). [Additional Reference(s): DWR Levee Log, 1993 (HLM 17.47). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 17.47), As-built DWG No. 50-4-3511, Sheet No. 3511/26.2, STA 153+84W, page 26 of 31 electronic file, listed as 24-inch CMP pipe through the levee (drainage structure); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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157	17.23	17.23	Fence	Metal	Water Side and Land Side	Cross fence, metal drive. Entry Last Updated : 2/6/2020	LEVEELOG
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418	17.23	17.23	Gate	Metal	Crown	Cross fence, metal drive. Entry Last Updated : 6/3/2015	GEILEVEELOG
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420	17.23	17.23	At Grade	Road / Highway	Crossing	Schohr Road crosses levee at crown elevation. Bridge across the channel. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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90	17.23	17.23	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	LEVEELOG
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412	17.23	17.23	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	USACEPI
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134	17.24	17.24	UCIP	Conduit	Crossing	DS_ID:16366 EP_NO: 10918 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 0.6-inch telephone cable through the levee, 2 feet below the crown. Cable goes through MA13 at Unit 1 historic levee mile (HLM) 17.48 and Unit 2 HLM 19.56. (buried cable across channel (attached to bridge) and levees of Cherokee Canal authorized under Permit No. 10918, 1975 - Pacific Telephone and Telegraph Company [PT&T]) [Additional Reference(s): DWR Levee Log, 1993 (HLM 17.48)] Entry Last Updated : 4/17/2021	UCIPAPR2021 10918
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810	17.24	17.24	Gate	Chain Link	Crown	Entry Last Updated : 4/14/2015	INSPECTION
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811	17.25	18.51	Fence	Barbed Wire	Water Side	Entry Last Updated : 4/14/2015	INSPECTION
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**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal							Right	18.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
812	17.25	18.51	Fence	Barbed Wire	Land Side	Located within 10-feet of LS toe. Entry Last Updated : 6/3/2015	INSPECTION		
422	17.25	17.25	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 17.5. Entry Last Updated : 6/3/2015	H_LL_GENERAL		
785	17.27	17.94	Ditches	Unlined	Land Side	Ditch on landside toe, 3-feet wide and 1-feet deep. Entry Last Updated : 6/3/2015	USACEINSPECT		
91	17.28	17.28	Ramp	Ramp	Land Side	Entry Last Updated : 1/22/2020	LEVEELOG		
775	17.28	17.28	Ramp	Ramp	Water Side	Entry Last Updated : 1/22/2020	USACEINSPECT		
787	17.67	17.67	Miscellaneous	Turnouts	Land Side	Fill turnout on landside slope, overbuild about 60 ft x 15 ft Entry Last Updated : 1/23/2020	USACEINSPECT		
430	17.75	17.75	Mark	Marker	Crown	Mile marker on waterward shoulder. LM 18.0. Entry Last Updated : 6/3/2015	H_LL_GENERAL		
432	18.10	18.10	Miscellaneous	Turnouts	Land Side	Fill turnout on landside slope, overbuild about 15-feet by 5- feet. Entry Last Updated : 6/3/2015	USACEPI		
433	18.25	18.25	Mark	Marker	Crown	Mile marker on waterward shoulder. Entry Last Updated : 6/3/2015	H_LL_GENERAL		
793	18.50	18.50	Miscellaneous	Turnouts	Land Side	Large fill turnaround on landside slope, approximately 50-feet by 50-feet Entry Last Updated : 1/23/2020	USACEINSPECT		
158	18.51	18.51	Fence	Metal	Water Side and Land Side	Metal gate at levee crown with wire fence down both the landside and waterside slopes. Entry Last Updated : 2/6/2020	LEVEELOG		
794	18.51	18.51	Gate	Chain Link	Crown	Metal gate at levee crown with wire fence down both the landside and waterside slopes. Entry Last Updated : 6/3/2015	USACEINSPECT		
436	18.61	18.61	Miscellaneous	Turnouts	Land Side	Large fill turnaround on landside slope, approximately 50-feet by 50-feet, top is level with levee crown. Entry Last Updated : 6/3/2015	USACEPI		

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Cherokee Canal	Right	18.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

439	18.61	18.61	Mark	Boundary	Crown	End of right bank levee of Cherokee Canal, Unit No. 1. Turnaround provided. (Paddle with 18.87 on waterward shoulder). Entry Last Updated : 4/6/2015	H_LL_GENERAL
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813	18.61	18.61	Ramp	Ramp	Water Side	Ramp at end of levee. Entry Last Updated : 6/3/2015	INSPECTION
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

146	0.00	0.00	UCIP	Pipe		DS_ID:16469 EP_NO: 5523 Crossing Status: Found FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* Low water vehicular crossing of Cherokee Canal, crossing is in connection with irrigation canal crossing of Application No. 5200. Low water vehicular crossing includes 2 culverts, one 24-inch concrete pipe and one 36-inch steel pipe, across channel. 24-inch concrete pipe is located at 39.5084971, -121.713690. 36-inch steel pipe is located at 39.50905511, 721.71401193. (Permit No. 5523, 1967 - Richvale Irrigation District) Entry Last Updated : 4/17/2021	UCIPAPR2021 5523
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785	0.00	2.64	Miscellaneous	Landscaping	Land Side	Ag cropping to LS toe. Entry Last Updated : 6/3/2015	INSPECTION
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4	0.00	0.00	Mark	Marker	Crown	Mile marker on WS shoulder. LM 0.0. Entry Last Updated : 6/3/2015	LEVEELOG
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44	0.00	0.00	Structure	Pump Station	Land Side	Richvale Irrigation District siphon structure, 3 box culverts 30 feet wide on landside with concrete structure on waterside. Permit # 5523. Entry Last Updated : 2/6/2020	USACEPI 5523
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119	0.00	0.00	Ramp	Ramp	Land Side	Two vehicle access ramps from the toe to the levee crown on landside of the levee 40-70 ft apart and one on the waterside. Ramps are completely covered with grasses and appear to be abandoned. Turnout 150 feet away on the landside shoulder. Bridge crossing creek on the waterside. Turnout point on the waterside. Permit # 5180. Entry Last Updated : 2/6/2020	USACEPI 5180
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559	0.01	0.01	Gate	Metal	Crown	Access gate across the levee crown. Entry Last Updated : 6/1/2015	USACEINSPECT
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561	0.03	0.09	Fence	Barbed Wire	Land Side	Fence 3+ feet from the waterside toe. Entry Last Updated : 6/3/2015	USACEINSPECT
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
8	0.05	0.05	UCIP	Pipe	Crossing	DS_ID:16397 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal CIPP-lined drainage pipe through the levee, 6 feet below the crown. Concrete "U" headwalls on both WS and landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 0.04). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 0.04), listed as 24-inch pipe, no As-built reference found]. Entry Last Updated : 4/17/2021	UCIPAPR2021		
566	0.09	0.11	Miscellaneous	Landscaping	Land Side	Landscaping on landside slope and within 15-feet of toe over a 300-foot reach that includes irrigation, trees, and brush. Entry Last Updated : 2/6/2020	USACEINSPECT		
567	0.12	0.12	Structure	Pole - Utility	Land Side	12-inch diameter power pole at the landside toe. Entry Last Updated : 6/1/2015	USACEINSPECT		
568	0.14	0.14	Structure	Pole - Utility	Land Side	12-inch diameter power pole at the landside toe. Entry Last Updated : 6/1/2015	USACEINSPECT		
532	0.16	0.16	Structure	Building	Land Side	Two 25-foot diameter silos, barn, misc. farm equipment, and barrels at landside toe and within 15-feet of landside toe over a 300-foot reach. Entry Last Updated : 2/6/2020	USACEINSPECT		
2	0.19	0.19	Structure	Tank	Land Side	Four 8- by 8-inch posts protecting fuel tank at LS toe. Entry Last Updated : 6/3/2015	LEVEELOG		
534	0.19	0.19	Ramp	Ramp	Land Side	Vehicle access ramp from the toe to the levee crown on both sides of the levee. Entry Last Updated : 6/1/2015	USACEINSPECT		
123	0.46	0.46	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 0.5. Entry Last Updated : 6/1/2015	H_LL_GENERAL		
536	0.55	0.55	Fence	Barbed Wire	Land Side	Barbed wire fence 0- to 5-feet from landside toe. Entry Last Updated : 6/3/2015	USACEINSPECT		
125	0.55	0.55	Gate	Metal	Crossing	Cross fence/gate. Entry Last Updated : 5/6/2015	GEILEVEELOG		
773	0.55	2.60	Fence	Barbed Wire	Water Side	Fence located at 15-feet of WS toe. Entry Last Updated : 5/6/2015	INSPECTION		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
106	0.56	0.56	Ramp	Ramp	Water Side	Ramp on both slopes. Vehicle access ramp to Skillin Rd. from the toe to the levee crown on both sides of the levee and a gate across the levee crown. Entry Last Updated : 2/6/2020	LEVEELOG		
124	0.56	0.56	Ramp	Ramp	Land Side	Ramp on both slopes. Vehicle access ramp to Skillin Rd. from the toe to the levee crown on both sides of the levee and a gate across the levee crown. Entry Last Updated : 2/6/2020	GEILEVEELOG		
782	0.57	0.75	Ditches	Unlined	Land Side	Unlined drainage ditch at LS toe. The ditch is about 10-foot wide and 5-feet deep. Entry Last Updated : 5/19/2015	INSPECTION		
17	0.58	0.58	UCIP	Pipe	Crossing	DS_ID:16398 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through the levee, 10.6 feet below the crown. Slide gate in corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete "U" headwall on the landside (LS). 36-inch concrete stanpipe in the channel (located about 80 feet from levee toe) with two wooden piles to deflect debris. [Additional Reference(s): DWR Levee Log, 1993 (HLM 0.57). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 0.57), listed as 24-inch pipe, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021		
107	0.93	0.93	Ramp	Ramp	Water Side	Ramp on both slopes. Entry Last Updated : 2/6/2020	LEVEELOG		
127	0.93	0.93	Ramp	Ramp	Land Side	Ramp on both slopes. Entry Last Updated : 4/6/2015	GEILEVEELOG		
128	0.97	0.97	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 1.0. Entry Last Updated : 5/6/2015	H_LL_GENERAL		
129	1.20	1.20	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
130	1.51	1.51	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 1.5. Entry Last Updated : 6/1/2015	H_LL_GENERAL		
780	1.59	1.59	Aerial	High Voltage	Crossing	Entry Last Updated : 1/27/2020	INSPECTION 5840		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
63	1.60	1.60	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/27/2020	LEVEELOG		
719	1.60	1.60	Structure	Pipe Section	Land Side	Culvert, paralleling levee alignment, under landside ramp with slide gate located at the landside toe. Entry Last Updated : 6/1/2015	USACEINSPECT		
716	1.60	1.60	Ramp	Ramp	Land Side	Vehicle access ramp from the toe to the levee crown on landside of the levee, permit # 11929. Entry Last Updated : 2/6/2020	USACEINSPECT 11929		
783	1.60	1.64	Ditches	Unlined	Land Side	Irrigation ditch at LS toe. Irrigation ditch parallel to levee alignment at the landside toe. The ditch is about 8-feet wide and 4-feet deep and overgrown with vegetation. Entry Last Updated : 5/20/2015	INSPECTION		
134	1.62	1.62	Revetment	Rock	Water Side	Cobble revetted on the slope and bank. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
143	1.62	1.62	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
112	1.63	1.63	Fence	Metal	Water Side and Land Side	Cross fence, metal drive gate. Entry Last Updated : 2/6/2020	LEVEELOG		
135	1.63	1.63	Gate	Metal	Crown	Cross fence, metal drive gate. Entry Last Updated : 5/20/2015	H_LL_GENERAL		
779	1.64	1.64	At Grade	Railroad	Crossing	Railroad Right of Way. Entry Last Updated : 6/1/2015	INSPECTION 2396		
108	1.65	1.65	Ramp	Ramp	Water Side	Vehicle access ramp from the toe to the levee crown on both sides of the levee. Two ramps on the landside and one on the waterside. Entry Last Updated : 2/6/2020	LEVEELOG		
728	1.65	1.65	Ramp	Ramp	Land Side	Vehicle access ramp from the toe to the levee crown on both sides of the levee. Two ramps on the landside and one on the waterside. Entry Last Updated : 2/6/2020	USACEINSPECT		
784	1.65	2.62	Miscellaneous	Landscaping	Land Side	Ag cropping to LS toe. Entry Last Updated : 6/3/2015	INSPECTION		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

1	1.67	1.67	Revetment	Cobble	Water Side	Revetment for pump and piipe. Entry Last Updated : 6/1/2015	LEVEELOG
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18	1.67	1.67	UCIP	Pipe	Crossing	DS_ID:16833 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee at an unknown depth below the crown. Groundwater pump is located on the waterside (WS). Power pole located on the landside (LS) of levee. Power runs through the levee to pump meter located on the WS. [Additional Reference(s): USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 1.67), listed as 16-inch pipe, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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777	1.68	1.68	Structure	Pole - Utility	Land Side	Power pole located at LS toe. Entry Last Updated : 5/6/2015	INSPECTION
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139	1.68	1.68	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 1/27/2020	H_LL_GENERAL 5840
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19	1.70	1.70	UCIP	Pipe	Crossing	DS_ID:16399 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal CIPP-lined drainage pipe through the levee, 7.9 feet below the crown. Concrete "U" headwalls on both waterside (WS) and landside (LS) ends. Flap gate on the WS end. Slide gate at the LS toe in headwall. In 1962, permit number 3953 was issue for existing pump structure, intake box, ditch and power pole. In 1963, the pump and intake box were removed. (existing water transfer ditch and pump authorized under Permit No. 3953, 1960 - Dr. John O. Gibbs, DBA Empire Land Company, electronic permit page 12 of 22, "The pipe was installed through the levee by the Corps of Engineers during construction of the levee. The pipe was installed as a drainage pipe and is equipped with a slide gate on the landward end and a flap gate on the waterward end.") [Additional Reference(s): DWR Levee Log, 1993 (HLM 1.67). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 1.70), listed as 24-inch pipe, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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141	1.79	1.79	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross sections. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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142	1.99	1.99	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 2.0. Entry Last Updated : 5/6/2015	H_LL_GENERAL
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**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway						Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal						Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

776	2.01	2.01	Miscellaneous	Turnout	Land Side	Entry Last Updated : 4/22/2015	INSPECTION
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775	2.10	2.10	Miscellaneous	Turnout	Land Side	Entry Last Updated : 4/22/2015	INSPECTION
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145	2.15	2.15	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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147	2.31	2.31	Miscellaneous	Turnout	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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149	2.49	2.49	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 2.5. Entry Last Updated : 5/20/2015	H_LL_GENERAL
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774	2.52	2.52	Ramp	Ramp	Land Side	Two vehicle access ramps from the toe to the levee crown on landside of the levee. Entry Last Updated : 5/20/2015	INSPECTION
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20	2.53	2.53	UCIP	Pipe	Crossing	DS_ID:16400 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 9.7 feet below the crown. Concrete "U" headwalls located on the waterside (WS) and landside (LS) ends. Flap gate on the WS end. Slide gate on the LS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 2.53). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 2.54), As-built DWG No. 50-4-3608, Sheet No. 3608/19.1, STA 899+10E LT BK, page 20 of 28 electronic file, listed as two 36-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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21	2.53	2.53	UCIP	Pipe	Crossing	DS_ID:17169 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through the levee, 9.7 feet below the crown. Concrete "U" headwalls on both the waterside (WS) and landside (LS) ends. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 2.53). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 2.54), As-built DWG No. 50-4-3608, Sheet No. 3608/19.1, STA 899+10E LT BK, page 20 of 28 electronic file, listed as two 36-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

156	2.61	2.61	Ramp	Ramp	Water Side	Ramp on the waterward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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22	2.62	2.62	UCIP	Pipe	Crossing	DS_ID:16402 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 8.8 feet below the crown. Concrete "U" headwalls located on both the waterside (WS) and landside (LS) ends. Flap gate on the WS end. Slide gate on the LS end. Structure used to drain water from Nelson Shippe Road. [Additional Reference(s): DWR Levee Log, 1993 (HLM 2.63). USACE Sacramento O&M Manual, Unit 519, June 1962 , Revised 3 Feb 2011, (HLM 2.63), As-built DWG No. 50-4-3608, Sheet No. 3608/19.1, STA 895+65E LT BK, page 20 of 28 electronic file, listed as 36-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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23	2.62	2.62	UCIP	Pipe	Crossing	DS_ID:16401 EP_NO: 6084 Crossing Status: Found FIELD_STRUCT_DESC: Underground telephone cable, 1.5-inch through the levee at approximately 2 feet below the crown. Cable crosses Unit 1 at historic levee mile (HLM) 4.41 and Unit 2 at HLM 2.63 and 5.10. Look for utility signs to determine the alignment through the levee. Based on the alignment from connecting these three crossing points there should be a crossing observed along the right bank of Cottonwood between HLM 4.20 and 4.5. (buried cable authorized under Permit No. 6084, 1968 - Pacific Telephone and Telegraph Company [PT&T]) [Additional Reference(s): DWR Levee Log, 1993 (HLM 2.63)] Entry Last Updated : 4/17/2021	UCIPAPR2021 6084
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116	2.62	2.62	Fence	Metal	Water Side and Land Side	Cross fence, metal drive gate. Entry Last Updated : 2/6/2020	LEVEELOG
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155	2.62	2.62	Gate	Metal	Crown	Cross fence, metal drive gate. Entry Last Updated : 5/6/2015	GEILEVEELOG
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159	2.63	2.63	Aerial	Communications	Crossing	Overhead telephone line crosses the levee. Entry Last Updated : 4/6/2015	GEILEVEELOG
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76	2.63	2.63	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/27/2020	LEVEELOG
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117	2.63	2.63	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. Entry Last Updated : 2/6/2020	LEVEELOG
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
160	2.63	2.63	Gate	Metal	Crown	Cross fence, pipe gate. Entry Last Updated : 5/20/2015	GEILEVEELOG		
161	2.63	2.63	At Grade	Road / Highway	Crossing	Nelson Shippee Road crosses levee at crown elevation. Entry Last Updated : 5/6/2015	H_LL_GENERAL		
162	2.63	2.63	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 1/27/2020	GEILEVEELOG		
24	2.63	2.63	UCIP	Pipe	Crossing	DS_ID:16403 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 8.7 feet below the crown. Concrete "U" headwalls located on the waterside (WS) and landside (LS) ends. Flap gate on the WS end. Slide gate on the LS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 2.64). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 2.65), As-built DWG No. 50-4-3608, Sheet No. 3608/19.1, STA 892+57E LT BK, page 20 of 28 electronic file, listed as 36-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021		
25	2.65	2.65	UCIP	Pipe	Crossing	DS_ID:16415 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Concrete "U" headwall on both waterside (WS) and landside (LS) ends. Flap gate on the WS end. Slide gate on the LS. [Additional Reference(s): DWR Levee Log, 1993 (HLM 2.65). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 2.66), As-built DWG No. 50-4-3608, Sheet No. 3608/19.1, STA 891+80E LT BK, page 20 of 28 electronic file, listed as 36-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021		
796	2.65	2.65	Ramp	Ramp	Water Side	Entry Last Updated : 5/5/2015	INSPECTION		
169	2.70	2.70	Ramp	Ramp	Water Side	Ramp and turnout on the WS slope. Entry Last Updated : 6/1/2015	H_LL_GENERAL		
165	2.93	2.93	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
166	2.99	2.99	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 3.0. Entry Last Updated : 5/20/2015	H_LL_GENERAL		
172	3.25	3.25	Miscellaneous	Turnout	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
171	3.45	3.45	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
786	3.54	3.54	Miscellaneous	Turnout	Land Side	Entry Last Updated : 5/5/2015	INSPECTION		
26	3.59	3.59	UCIP	Pipe	Crossing	DS_ID:16405 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 11.5 feet below the crown. Concrete "U" headwalls located on both the waterside (WS) and landside (LS) ends. Flap gate on the WS end. Slide gate on the LS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 3.61). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 3.61), As-built DWG No. 50-4-3608, Sheet No. 3608/5.2, 19.1, STA 4+50C RT. BK. (Cottonwood), page 5, 20 of 28 electronic file, listed as 36-inch pipe] Entry Last Updated : 4/17/2021	UCIPAPR2021		
27	3.65	3.65	UCIP	Pipe	Crossing	DS_ID:16848 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 9.2 feet below the crown. Concrete "U" headwalls on both the waterside (WS) and landside (LS) ends. Flap gate on the WS end. Slide gate on the LS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 3.67). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 3.67), As-built DWG No. 50-4-3608, Sheet No. 3608/5.2, 19.1, STA 7+70C RT. BK. (Cottonwood), page 5, 20 of 28 electronic file, listed as 36-inch pipe] Entry Last Updated : 4/17/2021	UCIPAPR2021		
178	3.80	3.80	Ramp	Ramp	Water Side	Entry Last Updated : 5/5/2015	H_LL_GENERAL		
787	3.82	3.82	Ramp	Ramp	Land Side	Entry Last Updated : 5/5/2015	INSPECTION		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
28	3.83	3.83	UCIP	Pipe	Crossing	DS_ID:16847 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 8.8 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 3.85). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 3.85), As-built DWG No. 50-4-3608, Sheet No. 3608/5.2, 19.1, STA 16+85C RT. BK. (Cottonwood), page 5, 20 of 28 electronic file, listed as 36-inch pipe] Entry Last Updated : 4/17/2021	UCIPAPR2021		
176	3.84	3.84	Structure	Weir	Water Side	Concrete flashboard dam in the channel. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
109	3.84	3.84	Ramp	Ramp	Water Side	Entry Last Updated : 2/6/2020	LEVEELOG		
788	3.84	3.84	Ramp	Ramp	Land Side	Entry Last Updated : 2/6/2020	INSPECTION		
180	3.98	3.98	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 4.0. Entry Last Updated : 5/6/2015	H_LL_GENERAL		
181	4.15	4.15	Miscellaneous	Turnouts	Land Side	Rurnout on the landward slope. Entry Last Updated : 1/27/2020	H_LL_GENERAL		
29	4.17	4.17	UCIP	Pipe	Crossing	DS_ID:16846 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 9.3 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete "U" headwalls on both ends. Concrete sump area with flash boards to drain farmers field is located on farmer's property near drain inlet. [Additional Reference(s): DWR Levee Log, 1993 (HLM 4.18). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 4.20), As-built DWG No. 50-4-3608, Sheet No. 3608/19, STA 15+85G RT. BK. (Gold Run), page 20 of 28 electronic file, listed as 36-inch pipe] Entry Last Updated : 4/17/2021	UCIPAPR2021		
183	4.27	4.27	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	GEILEVEELOG		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

184	4.34	4.34	Ramp	Ramp	Land Side	Ramp on the landward side. Entry Last Updated : 5/20/2015	GEILEVEELOG
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185	4.48	4.48	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 4.5. Entry Last Updated : 6/1/2015	H_LL_GENERAL
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789	4.48	4.48	Miscellaneous	Turnouts	Land Side	Entry Last Updated : 5/5/2015	INSPECTION
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140	4.65	4.65	UCIP	Pipe		DS_ID:16845 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.6 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 4.69). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 4.69), listed as 24-inch pipe, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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188	4.68	4.68	Ramp	Ramp	Water Side	Ramp on the waterward side. Entry Last Updated : 4/6/2015	GEILEVEELOG
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790	4.69	4.69	Ramp	Ramp	Land Side	Entry Last Updated : 5/5/2015	INSPECTION
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795	4.78	4.78	Ramp	Ramp	Water Side	Entry Last Updated : 5/5/2015	INSPECTION
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189	4.78	4.78	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	GEILEVEELOG
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190	4.79	4.79	Mark	Boundary	Crown	End of the right bank levee of Gold Run Creek. To reach next section of levee, continue along gravel patrol road along right bank of Gold Run Creek for 0.26 mile to Nelson Shippee Road, then right 0.11 mile to State Highway 99. The right 0.80 mile to the left bank levees of Cottonwood Creek, then left on levee road 0.26 mile to the beginning of left bank levee of Cottonwood Creek at high ground. Turnaround provided.; To reach next section of levee, continue along gravel patrol road along right bank of Gold Run Creek for 0.26 mile to Nelson Shippee Road, then right 0.11 mile to State Highway 99. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway						Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal						Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source	
	Start	End					Permits	
797	4.79	4.79	Miscellaneous	Turnout	Crown	Entry Last Updated : 5/5/2015	INSPECTION	
798	4.79	5.02	Miscellaneous	Landscaping	Land Side	Ag cropping to LS toe. Entry Last Updated : 6/3/2015	INSPECTION	
31	5.01	5.01	UCIP	Pipe	Crossing	DS_ID:16395 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.06), listed as 3-inch pipe. USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.06), listed as 30-inch pipe, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021	
191	5.02	5.02	Revetment	Rock	Land Side	Bank cobble revetted. Entry Last Updated : 4/6/2015	H_LL_GENERAL	
118	5.02	5.02	Fence	Metal	Water Side and Land Side	Right of way gate/fence across the levee. Entry Last Updated : 2/6/2020	LEVEELOG	
200	5.02	5.02	Gate	Chain Link	Crown	Right of way gate/fence across the levee. Entry Last Updated : 5/6/2015	GEILEVEELOG	
32	5.03	5.03	UCIP	Pipe	Crossing	DS_ID:16837 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 6-inch steel gas line through the levee unknown depth below the crown. [Additional Reference(s): USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.08), listed as 6-inch pipe, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021	
195	5.03	5.03	Aerial	High Voltage	Crossing	Overhead telephone line crosses the levee. Entry Last Updated : 4/6/2015	GEILEVEELOG	
201	5.03	5.03	At Grade	Road / Highway	Crossing	State Highway 99 crosses the levee at crown elevation. Bridge across the channel. Entry Last Updated : 4/6/2015	H_LL_GENERAL	

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

33	5.06	5.06	UCIP	Pipe	Crossing	DS_ID:16407 EP_NO: 6084 Crossing Status: Indicator Found FIELD_STRUCT_DESC: Underground telephone cable, 1.5-inch through the levee at approximately 2 feet below the crown. (buried cable across the levees and channels of Cottonwood Creek and Cherokee Canal authorized under Permit No. 6084, 1968 - Pacific Telephone and Telegraph Company [PT&T]) . Contact number for this crossing is 1-800-642-2444. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.10)] Entry Last Updated : 4/17/2021	UCIPAPR2021 6084
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136	5.06	5.06	Gate	Metal	Crown	Entry Last Updated : 2/6/2020	LEVEELOG
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202	5.06	5.06	Ramp	Ramp	Land Side	Ramp on the landward slope to pipe gate. Entry Last Updated : 5/8/2015	H_LL_GENERAL
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131	5.09	5.77	Miscellaneous	Landscaping	Land Side	Ag cropping up to LS toe. Entry Last Updated : 6/1/2015	INSPECTION
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34	5.09	5.09	UCIP	Pipe	Crossing	DS_ID:16408 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal CIPP-lined drainage pipe through the levee, 5.7 feet below the crown. Flap gate on the waterside (WS). Slide gate on the landside (LS). Concrete "U" headwalls located on both WS and LS ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.13). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.13), listed as 24-inch pipe, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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35	5.29	5.29	UCIP	Pipe	Crossing	DS_ID:16409 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 5.8 feet below the crown. Flap gate on the waterside (WS). Slide gate on the landside (LS). Concrete "U" headwalls located on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.34). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.34), listed as 30-inch pipe, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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110	5.32	5.32	Ramp	Ramp	Water Side	Ramp on LS slope and WS slope to bridge crossing creek. Entry Last Updated : 2/6/2020	LEVEELOG
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

206	5.32	5.32	Ramp	Ramp	Land Side	Ramp on LS slope and WS slope to bridge crossing creek. Entry Last Updated : 5/8/2015	H_LL_GENERAL
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36	5.36	5.36	UCIP	Pipe	Crossing	DS_ID:16410 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 1.6 feet below the crown. Plate bolted on the waterside (WS) end. Open on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 5.41). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.41), listed as 6-inch pipe, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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133	5.39	5.39	Ramp	Ramp	Land Side	Entry Last Updated : 5/7/2015	INSPECTION
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208	5.45	5.45	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 5.5. Entry Last Updated : 5/8/2015	H_LL_GENERAL
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209	5.61	5.61	Ramp	Ramp	Land Side	Ramp and turnout on the landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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682	5.79	5.79	Ditches	Unlined	Land Side	Pond at landside toe. Pond is 150-feet by 50-feet and has a depth at landside toe of 2.5-feet. Entry Last Updated : 6/3/2015	USACEINSPECT
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37	5.80	5.80	UCIP	Pipe	Crossing	DS_ID:16411 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete "U" headwalls located on both WS and LS toes. (secondary permit reference: 48-inch irrigation pipe authorized under Permit No. 13170, 1981 - S. S. Hinaman, Jr., USACE letter covers installation of a 36-inch pipe dated 14 July 1981, Board summary report references 36-inch pipe and not 48-inch pipe)[Additional Reference(s): DWR Levee Log, 1993 (HLM 5.85). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 5.85), As-built DWG No. 50-4-3608, Sheet No. 3608/22.3, STA 19+30 LT. BK. (Cottonwood), page 23 of 28 electronic file, listed as 36-inch pipe; As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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212	5.80	5.80	Revetment	Rubble	Land Side	Bank cobble revetted. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

38	5.80	5.80	UCIP	Pipe	Crossing	DS_ID:16466 EP_NO: 13170 Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal irrigation pipe through the levee approximately 7 feet below the crown. Flap gate is located on the waterside (WS). (48-inch irrigation pipe authorized under Permit No. 13170, 1981 - S. S. Hinaman, Jr., USACE letter covers installation of a 36-inch pipe dated 14 July 1981, Board summary report references 36-inch pipe and not 48-inch pipe) Entry Last Updated : 4/17/2021	UCIPAPR2021 13170
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215	5.81	5.81	Structure	Weir	Land Side	Concrete flashboard dam in the channel. Entry Last Updated : 4/6/2015	GEILEVEELOG
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216	5.81	5.81	Ramp	Ramp	Water Side	Ramp on the waterward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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213	5.85	5.85	At Grade	Road / Highway	Land Side	Western Canal levee road intersection on landward side. Entry Last Updated : 5/8/2015	H_LL_GENERAL
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217	5.95	5.95	Mark	Marker	Crown	Mile marker on the waterside shoulder. LM 6.0. Entry Last Updated : 5/8/2015	H_LL_GENERAL
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137	6.02	6.07	Revetment	Cobble	Water Side	Entry Last Updated : 2/6/2020	INSPECTION
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39	6.06	6.06	UCIP	Pipe	Crossing	DS_ID:16412 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Western Canal Siphon] 1 of 3: 8-foot by 10-foot concrete irrigation conduit through the levee and channel. Top of concrete conduit 4 feet below the crown. Catwalk and guardrails around headwall. Debris catchment line located at the wings of the headwall. [Additional Reference(s): DWR Levee Log, 1993 (HLM 6.13). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 6.13), listed as three 8-foot by 10-foot concrete conduit, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

40	6.06	6.06	UCIP	Pipe	Crossing	DS_ID:17373 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Western Canal Siphon] 2 of 3: 8-foot by 10-foot concrete irrigation conduit through the levee and channel. Top of concrete conduit 4 feet below the crown. Catwalk and guardrails around headwall. Debris catchment line located at the wings of the headwall. All conduits are open. [Additional Reference(s): DWR Levee Log, 1993 (HLM 6.13). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 6.13), listed as three 8-foot by 10-foot concrete conduit, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021
41	6.07	6.07	UCIP	Pipe	Crossing	DS_ID:17374 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Western Canal Siphon] 3 of 3: 8-foot by 10-foot concrete irrigation conduit through the levee and channel. Top of concrete conduit 4 feet below the crown. Catwalk and guardrails around headwall. Debris catchment line located at the wings of the headwall. All conduits are open. [Additional Reference(s): DWR Levee Log, 1993 (HLM 6.13). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 6.13), listed as three 8-foot by 10-foot concrete conduit, no As-built reference found] Entry Last Updated : 4/17/2021	UCIPAPR2021
220	6.08	6.08	Miscellaneous	Turnout	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	GEILEVEELOG
223	6.09	6.09	Ramp	Ramp	Water Side	Ramp on the waterward slope to low water crossing. (App. No.5180 - PG&E) Entry Last Updated : 4/6/2015	GEILEVEELOG 5180
221	6.09	7.09	Ditches	Unlined	Land Side	Unlined ditch at LS toe. Entry Last Updated : 5/8/2015	GEILEVEELOG
224	6.20	6.20	Mark	Survey	Water Side	DWR survey monuments on the waterward slope for channel cross-section. Entry Last Updated : 4/6/2015	H_LL_GENERAL
227	6.28	6.28	Mark	Survey	Water Side	DWR survey monuments on the waterward slope for channel cross-section. Entry Last Updated : 4/6/2015	H_LL_GENERAL
228	6.37	6.37	Mark	Survey	Water Side	DWR survey monuments on the waterward slope for channel cross-section. Entry Last Updated : 4/6/2015	H_LL_GENERAL

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
229	6.39	6.39	Miscellaneous	Turnout	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
230	6.41	6.41	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 6.5. Entry Last Updated : 6/1/2015	H_LL_GENERAL		
231	6.44	6.44	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross-section. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
232	6.54	6.54	Ramp	Ramp	Land Side	Ramp with chain link gate on the landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
636	6.54	6.54	Structure	Pipe Section	Land Side	4-foot diameter culvert paralleling the levee under landside ramp. Culvert is located 12-ft from landside toe. Entry Last Updated : 2/6/2020	USACEINSPECT		
233	6.80	6.80	Miscellaneous	Turnout	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
234	6.89	6.89	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross-section. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
235	6.91	6.91	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 7.0. Entry Last Updated : 5/8/2015	H_LL_GENERAL		
237	7.09	7.09	Ramp	Ramp	Land Side	Ramp with chain link gate on the landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
645	7.11	7.17	Ditches	Unlined	Land Side	Ditch on landside within 12-feet of toe for a 400-foot reach, ditch is 12- to 15-feet deep by 40-ft wide with water in ditch. Entry Last Updated : 2/6/2020	USACEINSPECT		
240	7.13	7.13	Ramp	Ramp	Water Side	Ramp on the waterward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

42	7.17	7.17	UCIP	Pipe	Crossing	DS_ID:16387 EP_NO: 5200B Crossing Status: Found FIELD_STRUCT_DESC: 1 of 2: 6-foot by 6-foot reinforced concrete irrigation double box culvert (Box 1 of 2) through the levee, 17.1 feet below the crown. Concrete headwalls on both ends. Slide gate on the waterside (WS). (reinforced concrete double box culverts, three 72-inch siphon pipes, and one 36-inch pipe authorized under Permit No. 5200, -A, -B, 1967 - Richvale Irrigation District) [Additional Reference(s): DWR Levee Log, 1993 (HLM 7.25)] Entry Last Updated : 4/17/2021	UCIPAPR2021 5200B
45	7.17	7.17	UCIP	Pipe	Crossing	DS_ID:17015 EP_NO: 5200B Crossing Status: Found FIELD_STRUCT_DESC: 2 of 2: 6-foot by 6-foot reinforced concrete irrigation double box culvert (box 2 of 2) through the levee, 17.1 feet below the crown. Concrete headwalls on both ends. Slide gate on the waterside (WS). (reinforced concrete double box culverts, three 72-inch siphon pipes, and one 36-inch pipe authorized under Permit No. 5200, -A, -B, 1967 - Richvale Irrigation District) [Additional Reference(s): DWR Levee Log, 1993 (HLM 7.25)] Entry Last Updated : 4/17/2021	UCIPAPR2021 5200B
245	7.18	7.18	Ramp	Ramp	Land Side	Ramp with chain link gate on the landward slope. Entry Last Updated : 4/6/2015	GEILEVEELOG
7	7.18	7.53	Ditches	Unlined	Land Side	Unlined irrigation ditch at LS toe. Entry Last Updated : 5/21/2015	LEVEELOG
46	7.18	7.18	UCIP	Pipe	Crossing	DS_ID:17518 EP_NO: 5200B Crossing Status: Not Found FIELD_STRUCT_DESC: 36-inch corrugated metal irrigation pipe through the levee embankment, unknown depth below the crown. (reinforced concrete double box culverts, three 72-inch siphon pipes, and one 36-inch pipe authorized under Permit No. 5200, -A, -B, 1967 - Richvale Irrigation District) Entry Last Updated : 4/17/2021	UCIPAPR2021 5200B
246	7.32	7.32	Ramp	Ramp	Water Side	Ramp on the waterward slope. Entry Last Updated : 4/6/2015	GEILEVEELOG
247	7.42	7.42	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross-section. Entry Last Updated : 4/6/2015	H_LL_GENERAL

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
248	7.44	7.44	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 7.5. Entry Last Updated : 5/8/2015	H_LL_GENERAL		
249	7.53	7.53	Ramp	Ramp	Land Side	Ramp on the landward slope, with cable gate. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
50	7.56	7.56	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 1/27/2020	LEVEELOG		
138	7.56	8.28	Miscellaneous	Landscaping	Land Side	Ag cropping to LS toe. Entry Last Updated : 5/8/2015	INSPECTION		
251	7.72	7.72	Revetment	Cobble	Water Side	Cobble along toe of levee. Entry Last Updated : 4/6/2015	GEILEVEELOG		
252	7.72	7.72	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross-sections. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
144	7.73	7.73	Ramp	Ramp	Water Side	Entry Last Updated : 2/6/2020	INSPECTION		
151	7.88	7.88	Ramp	Ramp	Water Side	Entry Last Updated : 5/7/2015	INSPECTION		
253	7.91	7.91	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
254	7.92	7.92	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 8.0. Entry Last Updated : 5/8/2015	GEILEVEELOG		
3	8.28	8.28	Structure	Bridge	Crown	Entry Last Updated : 1/23/2020	LEVEELOG		
120	8.28	8.28	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. Entry Last Updated : 2/6/2020	LEVEELOG		
258	8.28	8.28	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 4/6/2015	GEILEVEELOG		
260	8.28	8.28	At Grade	Road / Highway	Crossing	Richvale HWY crosses the levee at crown elevation. Entry Last Updated : 1/23/2020	H_LL_GENERAL		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
261	8.28	8.28	Gate	Metal	Crown	Cross fence, pipe gate. Entry Last Updated : 5/11/2015	H_LL_GENERAL		
47	8.30	8.30	UCIP	Pipe	Crossing	DS_ID:16413 EP_NO: 14704 Crossing Status: Indicator Found FIELD_STRUCT_DESC: Steel fiber optic cable through the levee, approximately 3.5 feet below the crown. The cable section across the channel is attached to the Cherokee Canal Dridge. (conduit through both levees of Cherokee Canal authorized under Permit No. 14704, 1987 - Sprint) [Additional Reference(s): DWR Levee Log, 1993 (HLM 8.39)] Entry Last Updated : 4/17/2021	UCIPAPR2021 14704		
121	8.30	8.30	Fence	Metal	Water Side and Land Side	Cross fence, metal drive gate. Entry Last Updated : 2/6/2020	LEVEELOG		
257	8.30	8.30	Gate	Metal	Crown	Cross fence, metal drive gate. Entry Last Updated : 5/11/2015	H_LL_GENERAL		
48	8.30	8.30	UCIP	Pipe	Crossing	DS_ID:16404 EP_NO: 10589A Crossing Status: Indicator Found FIELD_STRUCT_DESC: 4-inch steel communication pipe, contains three telephone cables, through the levee, approximately 4 feet below the crown. The cable through the channel is buried approximately 5 feet deep. (conduit containing communication cables authorized under Permit No. 10589, 1987 - Pacific Telephone and Telegraph Company [PT&T]) [Additional Reference(s): DWR Levee Log, 1993 (HLM 8.39)] Entry Last Updated : 4/17/2021	UCIPAPR2021 10589A		
263	8.30	8.30	Ramp	Ramp	Water Side	Ramp on the waterward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
154	8.30	9.54	Miscellaneous	Landscaping	Land Side	Ag cropping to LS toe. Entry Last Updated : 6/3/2015	INSPECTION		
262	8.40	8.40	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 8.5. Entry Last Updated : 5/11/2015	H_LL_GENERAL		
167	8.50	8.50	Ramp	Ramp	Water Side	Entry Last Updated : 5/7/2015	INSPECTION		
443	8.78	8.78	Miscellaneous	Turnout	Land Side	Turnout point on the landside shoulder. Entry Last Updated : 5/21/2015	USACEINSPECT		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
265	8.78	8.78	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	GEILEVEELOG		
266	8.89	8.89	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 9.0. Entry Last Updated : 5/11/2015	H_LL_GENERAL		
267	9.19	9.19	Miscellaneous	Turnout	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
174	9.40	9.40	Ramp	Ramp	Land Side	Entry Last Updated : 5/7/2015	INSPECTION		
49	9.55	9.55	UCIP	Pipe	Crossing	DS_ID:16414 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Richvale Irrigation District Siphon] 1 of 3: 6-foot by 6.5-foot reinforced concrete irrigation culverts through the levee, 17.5 feet below the crown. Concrete "U" headwall with slots for flashboards on the landside (LS). Slide gate in gate well on downstream culvert on the waterside (WS) slope. Access well on downstream culvert 60 feet from the WS toe, manhole flush with the top of the ground. 36-inch corrugated metal pipe through the levee, 11.2 feet below the crown. Flap gate on the WS end. Concrete "U" headwalls on both ends. This pipe drains excess water from the District's canal into Cherokee Canal. The pipe runs through the levee on an angle and discharges opposite historic levee mile (HLM) 9.58. Richvale Irrigation District siphon crosses the channel and levee. [Additional Reference(s): DWR Levee Log, 1993 (HLM 9.66). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 9.66), listed as three 6-foot by 6.5-foot concrete conduit, As-built DWG No. 50-4-3608, Sheet No. 3608/20, ~ STA 650+00E, page 21 of 28 electronic file, listed as conduit] Entry Last Updated : 4/17/2021	UCIPAPR2021		
111	9.55	9.55	Ramp	Ramp	Water Side	Ramp on both slopes. Entry Last Updated : 2/6/2020	LEVEELOG		
278	9.55	9.55	Ramp	Ramp	Land Side	Ramp on both slopes. Entry Last Updated : 4/6/2015	H_LL_GENERAL		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

51	9.55	9.55	UCIP	Pipe	Crossing	<p>DS_ID:17522            EP_NO:            Crossing Status: Found            FIELD_STRUCT_DESC: [Richvale Irrigation District Siphon] 2 of 3: 6-foot by 6.5-foot concrete culvert through the levee, 17.5 feet below the crown. Concrete "U" headwalls with slots for flashboards on the landside (LS). Slide gate in gate well on downstream culvert on the waterside (WS) slope. Access well on downstream culvert 60 feet from the WS toe, manhole flush with the top of the ground. 36-inch corrugated metal pipe through the levee, 11.2 feet below the crown. Flap gate on the WS end. Concrete "U" headwalls on both ends. This pipe drains excess water from the District's canal into Cherokee Canal. The pipe runs through the levee on an angle and discharges opposite historic levee mile (HLM) 9.58. Richvale Irrigation District siphon crosses the channel and levee. [Additional Reference(s): DWR Levee Log, 1993 (HLM 9.66). USACE Sacramento O&amp;M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 9.66), listed as three 6-foot by 6.5-foot concrete conduit, As-built DWG No. 50-4-3608, Sheet No. 3608/20, ~ STA 650+00E, page 21 of 28 electronic file, listed as conduit]            Entry Last Updated : 4/17/2021</p>	UCIPAPR2021
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52	9.55	9.55	UCIP	Pipe	Crossing	<p>DS_ID:17523            EP_NO:            Crossing Status: Found            FIELD_STRUCT_DESC: [Richvale Irrigation District Siphon] 3 of 3: 6-foot by 6.5-foot concrete irrigation culvert through the levee, 17.5 feet below the crown. Concrete "U" headwalls with slots for flashboards on the landside (LS). Slide gate in gate well on downstream culvert on the waterside (WS) slope. Access well on downstream culvert 60 feet from the WS toe, manhole flush with the top of the ground. 36-inch corrugated metal pipe through the levee, 11.2 feet below the crown. Flap gate on the WS end. Concrete "U" headwalls on both ends. This pipe drains excess water from the District's canal into Cherokee Canal. The pipe runs through the levee on an angle and discharges opposite historic levee mile (HLM) 9.58. Richvale Irrigation District siphon crosses the channel and levee. [Additional Reference(s): DWR Levee Log, 1993 (HLM 9.66). USACE Sacramento O&amp;M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 9.66), listed as three 6-foot by 6.5-foot concrete conduit, As-built DWG No. 50-4-3608, Sheet No. 3608/20, ~ STA 650+00E, page 21 of 28 electronic file, listed as conduit]            Entry Last Updated : 4/17/2021</p>	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

53	9.56	9.56	UCIP	Pipe	Crossing	DS_ID:16838 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 11.2 feet below the crown. Crossing drains into Cherokee Canal and is part of the Richvale Irrigation District siphon structure. Slide gate is located on the landside (LS). Flap gate is located on the waterside (WS). Crossing angles to the southwest to a flap gate and headwall located about 60 feet from WS toe. [Additional Reference(s): USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 9.66), listed as 36-inch pipe drain into Cherokee Canal, As-built DWG No. 50-4-3608, Sheet No. 3608/20, ~ STA 649+85E, page 21 of 28 electronic file] Entry Last Updated : 4/17/2021	UCIPAPR2021
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54	9.57	9.57	UCIP	Pipe	Crossing	DS_ID:16839 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 9.68), As-built DWG No. 50-4-3608, Sheet No. 3608/20, ~ STA 648+82E, page 21 of 28 electronic file, listed as 30-inch; As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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55	9.60	9.60	UCIP	Pipe	Crossing	DS_ID:16470 EP_NO: 3408 Crossing Status: Not Found FIELD_STRUCT_DESC: Relocate existing cable inspection pit and lower underground cable. (4-foot by 6-foot inspection pit relocation and lowering existing underground cable authorized under Permit No. 3408, 1960 - Pacific Telephone and Telegraph Co.) Entry Last Updated : 4/17/2021	UCIPAPR2021 3408
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56	9.66	9.66	UCIP	Pipe	Crossing	DS_ID:18912 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: Buried communication line of unknown material through the levee at an unknown depth below the crown. Owner of line is Qwest Communications 1-800 At Fiber Sign ID Number 16601 as indicated by marker. (Qwest Communication) No permit has been identified since crossing was field discovered in 2012. Entry Last Updated : 4/17/2021	UCIPAPR2021
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276	9.66	9.66	At Grade	Railroad	Crossing	Railroad crossing (Southern Pacific). Entry Last Updated : 5/11/2015	H_LL_GENERAL
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

57	9.67	9.67	UCIP	Pipe	Crossing	DS_ID:18913 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 8-inch high pressure line bored through the levee at depth unknown. Kinder Morgan is the owner of line--contact information is 213.624-9461 or Chico Local Area Manager, Frank Villalovos 530.342.6140 (o) or 530.624.4048 (c) or email villalovosf@kindermorgan.com. Additional contact is Ken Yeo, Sacramento Local Area Manager, at 916.416.7938 or by email yeok@kindermorgan.com. Frank Villalovos is the primary contact for this crossing. No permit has been identified since crossing was field discovered in 2012. Entry Last Updated : 4/17/2021	UCIPAPR2021
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58	9.69	9.69	UCIP	Pipe	Crossing	DS_ID:18914 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: Underground communication cable through the levee, depth unknown below the crown. Owner of encroachment is Pacific Telephone. No permit has been identified since crossing was field discovered in 2012. Entry Last Updated : 4/17/2021	UCIPAPR2021
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192	9.69	10.54	Fence	Barbed Wire	Water Side	Entry Last Updated : 5/7/2015	INSPECTION
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281	9.70	9.70	Ramp	Ramp	Land Side	Ramp on LS slope. Entry Last Updated : 5/11/2015	H_LL_GENERAL
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193	9.71	10.03	Miscellaneous	Landscaping	Land Side	Ag cropping to LS toe. Entry Last Updated : 6/3/2015	INSPECTION
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282	9.72	9.72	Miscellaneous	Turnout	Land Side	Turnaround on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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59	9.88	9.88	UCIP	Pipe	Crossing	DS_ID:17731 EP_NO: 16994 Crossing Status: Not Found FIELD_STRUCT_DESC: 10-inch high-density polyethylene (HDPE) communication conduit through the levee, unknown depth below the crown. Conduit contains fiber-optic cables that goes across and under (bored) Cherokee Canal and its levees. Twelve inner ducts through casing with hand holes placed at each end for initial and future installation of fiber optic telecommunications cable. (10-inch HDPE conduit across and under (bored) Cherokee Canal and its levees authorized under Permit No. 16994, 2000 - Level 3 Comm) Entry Last Updated : 4/17/2021	UCIPAPR2021 16994
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
286	9.88	9.88	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 10.0. Entry Last Updated : 5/11/2015	H_LL_GENERAL		
197	10.03	10.53	Ditches	Unlined	Land Side	Unlined ditch 15-feet from LS toe. Ditch is 2- to 5-feet deep by 15- to 20-feet wide. Entry Last Updated : 6/1/2015	INSPECTION		
284	10.13	10.13	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
198	10.39	10.39	Mark	Marker	Crown	Mile marker on WS shoulder. LM 10.5. Entry Last Updated : 5/11/2015	INSPECTION		
791	10.51	10.51	Gate	Metal	Crown	Entry Last Updated : 5/7/2015	INSPECTION		
792	10.52	10.54	Revetment	Cobble	Water Side	Entry Last Updated : 5/7/2015	INSPECTION		
287	10.54	10.54	Structure	Guardrail	Crossing	Guardrail to bridge over Cherokee Canal. Entry Last Updated : 4/6/2015	GEILEVEELOG		
290	10.54	10.54	At Grade	Road / Highway	Crossing	State Highway 162 crosses the levee at crown elevation. Entry Last Updated : 1/23/2020	H_LL_GENERAL		
12	10.55	10.55	Structure	Bridge	Crown	Entry Last Updated : 1/23/2020	LEVEELOG		
60	10.55	10.55	UCIP	Pipe	Crossing	DS_ID:16406 EP_NO: 1238 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 8-inch steel gas pipe through the levee at an unknown depth below the crown. Utility marker visible at the upstream and downstream face of highway bridge and along highway. Buried utility crosses bridge and crosses left bank of Cherokee Canal downstream of highway bridge. USA marking on highway indicate 6" STL LN 151. (Permit No. 1238, 1947 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 1993 (HLM 10.67). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 10.67), listed as 8-inch pipe, As-built DWG No. 50-4-3511, Sheet No. 3511/25.1, STA 597+05E, page 25 of 31 electronic file, listed as gas line through both levees] Entry Last Updated : 4/17/2021	UCIPAPR2021 1238		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

61	10.56	10.56	UCIP	Pipe	Crossing	DS_ID:16472 EP_NO: 10939 Crossing Status: Indicator Found FIELD_STRUCT_DESC: Reroute a buried wire across the left bank levee of Cherokee Canal at State Highway 162 Bridge abutment from that point to the downstream side of the bridge. From there the wire extends to the gaging station at the center of the bridge. The facility maintains service to the Department of Water Resources' Metering Station midspan of the bridge. (reroute buried line across the left bank of Cherokee Canal at State Highway 162 Bridge then under the bridge authorized under Permit No. 10939, 1976 - Pacific Telephone and Telegraph Company [PT&T]) Entry Last Updated : 4/17/2021	UCIPAPR2021 10939
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86	10.56	10.56	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/27/2020	LEVEELOG
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293	10.56	10.56	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 4/6/2015	GEILEVEELOG 16615
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300	10.56	10.56	Revetment	Cobble	Water Side	Waterward slope cobble revetted. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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802	10.56	11.63	Fence	Barbed Wire	Water Side	Fence located at WS toe. Entry Last Updated : 5/21/2015	INSPECTION
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801	10.60	11.68	Ditches	Unlined	Land Side	Unlined ditch 2- to 3-feet deep by 12-feet wide, 24-inch diameter culvert is present under the landside ramp. Entry Last Updated : 5/21/2015	INSPECTION
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297	10.62	10.62	Ramp	Ramp	Land Side	Ramp on the landward slope. Access from State Highway 162. Gate on the ramp. Entry Last Updated : 5/21/2015	H_LL_GENERAL
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298	10.62	10.62	Ramp	Ramp	Water Side	Ramp on the waterward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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299	10.62	10.62	Gate	Metal	Land Side	Pipe gate. Entry Last Updated : 5/21/2015	H_LL_GENERAL
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804	10.87	10.87	Mark	Marker	Crown	Milage marker on WS shoulder. LM 11.0. Entry Last Updated : 5/12/2015	INSPECTION
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803	11.06	11.06	Miscellaneous	Turnout	Land Side	Entry Last Updated : 5/7/2015	INSPECTION
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
301	11.36	11.36	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 11.5. Entry Last Updated : 5/12/2015	H_LL_GENERAL		
304	11.68	11.68	Ramp	Ramp	Water Side	Entry Last Updated : 5/21/2015	H_LL_GENERAL		
800	11.69	11.69	Ramp	Ramp	Land Side	Entry Last Updated : 5/7/2015	INSPECTION		
305	11.86	11.86	Mark	Marker	Crown	Mileage marker on the waterward shoulder. LM 12.0. Entry Last Updated : 5/21/2015	GEILEVEELOG		
302	11.92	11.92	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
307	12.35	12.35	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 12.5. Entry Last Updated : 6/1/2015	GEILEVEELOG		
799	12.35	12.35	Miscellaneous	Turnouts	Land Side	Entry Last Updated : 5/7/2015	INSPECTION		
303	12.78	12.78	Ramp	Ramp	Land Side	Entry Last Updated : 5/21/2015	H_LL_GENERAL		
312	12.79	13.94	Ditches	Unlined	Land Side	Ditch on landside at toe. Ditch is 4- to 7-feet deep by 12-feet wide. Entry Last Updated : 5/21/2015	LEVEEINSPECTION		
310	12.85	12.85	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 13.0. Entry Last Updated : 6/1/2015	H_LL_GENERAL		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
62	12.88	12.88	UCIP	Pipe	Crossing	DS_ID:16385 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 13 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Slide gate in ditch on the landside (LS). Pipe under channel is a 24-inch siphon. [Additional Reference(s): DWR Levee Log, 1993 (HLM 13.02). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 13.03), listed as 30-inch pipe, As-built DWG No. 50-4-3511, Sheet No. 3511/9.3, 24.1, STA 474+13E, page 9, 24 of 31 electronic file, listed as combination of new 30-inch section pipe through the levee and existing 24-inch concrete siphon pipe through the channel (Keller Siphon structure, irrigation facilities); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021		
306	13.09	13.09	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	GEILEVEELOG		
314	13.35	13.35	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 13.5. Entry Last Updated : 5/21/2015	H_LL_GENERAL		
313	13.38	13.38	Ramp	Ramp	Land Side	Entry Last Updated : 5/7/2015	GEILEVEELOG		
309	13.46	13.46	Ramp	Ramp	Water Side	Ramp of the waterward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
311	13.68	13.68	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
322	13.84	13.84	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 14.0. Entry Last Updated : 5/21/2015	H_LL_GENERAL		
317	13.94	13.94	Structure	Bridge	Crown	Entry Last Updated : 1/23/2020	H_LL_GENERAL		
793	13.94	13.94	Ramp	Ramp	Land Side	Entry Last Updated : 5/7/2015	INSPECTION		
113	13.94	13.94	Fence	Metal	Water Side and Land Side	Access gates across the levee crown with a fence running down slopes restricting access on either side of Biggs-Princeton Hwy. Guardsrails are present along the highway. Entry Last Updated : 2/6/2020	LEVEELOG		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

552	13.94	13.94	Gate	Metal	Crown	Access gates across the levee crown with a fence running down slopes restricting access on either side of Biggs-Princeton Hwy. Guardsrails are present along the highway. Entry Last Updated : 2/6/2020	USACEINSPECT
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289	13.95	13.95	Gate	Metal	Crown	Entry Last Updated : 5/7/2015	INSPECTION
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321	13.95	13.95	Revetment	Cobble	Water Side	Entry Last Updated : 6/1/2015	GEILEVEELOG
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315	13.95	13.95	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 4/6/2015	GEILEVEELOG
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64	13.95	13.95	UCIP	Pipe	Crossing	DS_ID:16474 EP_NO: 17030 Crossing Status: Not Found FIELD_STRUCT_DESC: 8-inch high density polyethylene (HDPE), contains three 2-inch and three 1.5-inch fiber optic cables, backfilled with bentonite on the ends of the bore casing through the levee at an unknown depth below the crown. Conduit is bored across and under Cherokee Canal and its levees. Permit records indicates the conduit is buried 5 feet below the bottom of the low flow of the channel. Permit indicates work was completed as shown in submitted plans. Owner is listed in the permit as Pacific Fiber Link LLC but permit Inspection sheets list Worldwide Fiber. (three 2-inch and three 1.5-inch pipes containing fiber optic cables across and under (bored) Cherokee Canal and its levees authorized under Permit No. 17030, 2000 - Worldwide Fiber) Entry Last Updated : 4/17/2021	UCIPAPR2021 17030
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14	13.95	13.95	At Grade	Road / Highway	Crossing	Entry Last Updated : 1/23/2020	LEVEELOG
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114	13.96	13.96	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. Entry Last Updated : 2/6/2020	LEVEELOG
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316	13.96	13.96	Gate	Metal	Crown	Cross fence, pipe gate. Entry Last Updated : 5/12/2015	H_LL_GENERAL
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320	13.96	13.96	Aerial	Communications	Crossing	Overhead telephone line crosses the levee. Entry Last Updated : 4/6/2015	GEILEVEELOG 17188
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425	13.96	13.96	Structure	Pole - Utility	Water Side	Pole on slope. Guy wire on shoulder. Entry Last Updated : 6/1/2015	INSPECTION 17188
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
745	13.97	14.92	Ditches	Unlined	Land Side	Unlined ditch located 15- to 20-feet from LS toe. Entry Last Updated : 6/1/2015	INSPECTION		
744	13.97	13.97	Revetment	Cobble	Water Side	Entry Last Updated : 6/1/2015	INSPECTION		
326	14.33	14.33	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 14.5. Entry Last Updated : 5/12/2015	H_LL_GENERAL		
325	14.37	14.37	Miscellaneous	Turnout	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
327	14.58	15.24	Fence	Barbed Wire	Water Side	Fence along the waterward slope. Entry Last Updated : 4/6/2015	GEILEVEELOG		
747	14.83	14.83	Miscellaneous	Turnout	Land Side	Entry Last Updated : 4/14/2015	INSPECTION		
746	14.83	14.83	Mark	Marker	Crown	Mileage marker on WS shoulder. LM 15.0. Entry Last Updated : 5/12/2015	INSPECTION		
748	14.91	14.91	Mark	Marker	Crown	Stake for flagging on LS shoulder. Entry Last Updated : 5/12/2015	INSPECTION		
750	14.92	15.26	Miscellaneous	Landscaping	Land Side	Ag cropping at 15-feet from LS toe. Entry Last Updated : 6/3/2015	INSPECTION		
749	15.25	15.25	Mark	Marker	Crown	Stake for flagging on LS shoulder. Entry Last Updated : 5/12/2015	INSPECTION		
329	15.26	15.26	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
328	15.26	15.27	Revetment	Cobble	Water Side and Land Side	Rock revetted on both sides. Entry Last Updated : 4/6/2015	GEILEVEELOG		
330	15.28	15.28	Miscellaneous	Turnout	Crown	End of training levee with turnaround. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
87	15.28	15.28	Structure	Pole - Utility	Water Side	Pole on slope. Guy wire on shoulder. Entry Last Updated : 1/28/2020	LEVEELOG 17188		



## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
88	15.28	15.28	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG 17188		
751	15.28	15.28	Aerial	Communications	Crossing	Pole and overhead telephone lines on the waterside slope of the left bank levee of Cherokee Canal. Entry Last Updated : 5/12/2015	INSPECTION 17188		
334	15.28	16.06	Aerial	High Voltage	Land Side	Overhead power lines along the landward toe. Entry Last Updated : 1/28/2020	GEILEVEELOG		
89	15.29	15.29	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG		
333	15.29	15.29	Mark	Boundary	Crown	Continue left bank of Cherokee Canal at Afton-Biggs Road. Mileage runs continuous downstream. Entry Last Updated : 4/6/2015	GEILEVEELOG		
122	15.29	15.29	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. Entry Last Updated : 2/6/2020	LEVEELOG		
338	15.29	15.29	Gate	Metal	Land Side	Cross fence, pipe gate. Entry Last Updated : 5/21/2015	GEILEVEELOG		
331	15.30	16.06	Fence	Barbed Wire	Water Side	Fence along waterward toe. Entry Last Updated : 6/1/2015	GEILEVEELOG		
752	15.30	16.76	Miscellaneous	Landscaping	Land Side	Ag cropping to LS toe. Entry Last Updated : 5/18/2015	INSPECTION		
336	15.32	15.32	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 15.5. Entry Last Updated : 5/21/2015	GEILEVEELOG		
90	15.34	15.34	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG		
91	15.38	15.38	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

65	15.44	15.44	UCIP	Pipe	Crossing	DS_ID:16376 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 15.62). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 15.62), As-built DWG No. 50-4-3511, Sheet No. 3511/8.3, STA 405+05E, page 8 of 31 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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92	15.44	15.44	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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93	15.50	15.50	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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94	15.55	15.55	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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95	15.61	15.61	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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96	15.67	15.67	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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66	15.68	15.68	UCIP	Pipe	Crossing	DS_ID:16382 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Flap gate located on the waterside (WS) end. Concrete "U" headwalls on both WS and landside (LS). WS gate bolted shut and LS crossing is non-operable (inlet not found). Additional Reference(s): DWR Levee Log, 1993 (HLM 15.87). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 15.87), As-built DWG No. 50-4-3511, Sheet No. 3511/8.3, STA 392+42E, page 8 of 31 electronic file, listed as 24-inch CMP; As-built DWG No 50-4-3037 referenced not available]	UCIPAPR2021
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97	15.72	15.72	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway						Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal						Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

99	15.78	15.78	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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340	15.82	15.82	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 16.0. Entry Last Updated : 5/21/2015	H_LL_GENERAL
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98	15.84	15.84	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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100	15.90	15.90	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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101	15.95	15.95	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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342	16.00	16.00	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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102	16.01	16.01	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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753	16.03	16.03	Ramp	Ramp	Land Side	Entry Last Updated : 4/15/2015	INSPECTION
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754	16.04	16.04	Ramp	Ramp	Water Side	Entry Last Updated : 4/15/2015	INSPECTION
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755	16.06	16.06	Aerial	High Voltage	Crossing	Entry Last Updated : 4/15/2015	INSPECTION
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103	16.06	16.06	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

67	16.07	16.07	UCIP	Pipe	Crossing	DS_ID:16377 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal irrigation pipe through the levee, 11.7 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Concrete "U" headwall on the landside (LS). Pipe discharges into distribution box on the WS. Divers on dam in stream. Pump located on the WS berm, pumps water from diversion dam into distribution box. Water then flows back through the levee to the LS field. Provision can be made to send water over streambed to irrigation overflow area. [Additional Reference(s): DWR Levee Log, 1993 (HLM 16.24). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 16.26), As-built DWG No. 50-4-3511, Sheet No. 3511/7. unable to read exact page, STA 372+13E, page 7 of 31 electronic file, listed as 36-inch CMP] Entry Last Updated : 4/17/2021	UCIPAPR2021
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345	16.31	16.31	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 16.5. Entry Last Updated : 5/21/2015	H_LL_GENERAL
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756	16.81	19.35	Fence	Barbed Wire	Water Side	Entry Last Updated : 4/15/2015	INSPECTION
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343	16.81	16.81	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 17.0. Entry Last Updated : 5/21/2015	GEILEVEELOG
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346	16.82	16.82	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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68	16.86	16.86	UCIP	Pipe	Crossing	DS_ID:16841 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee at approximately 14.5 feet below the crown. Flap gate located on the waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 17.06), As-built DWG No. 50-4-3511, Sheet No. 3511/24.1, STA 329+83E, page 24 of 31 electronic file, listed as 30-inch CMP through the levee (drainage structure); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
69	16.87	16.87	UCIP	Pipe	Crossing	DS_ID:16378 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 14.7 feet below the crown. Flap gate on the waterside (WS) end. Walkway and slide gate located on the landside (LS) end. Concrete "U" headwalls on both end. Reference noted in Levee Logs as USACE-1960 does not match entry in . [Additional Reference(s): DWR Levee Log, 1993 (HLM 17.06), listed as 30-inch pipe. USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 17.06), listed as 36-inch CMP] Entry Last Updated : 4/17/2021	UCIPAPR2021		
350	16.88	16.88	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	GEILEVEELOG		
347	16.88	18.71	Ditches	Unlined	Land Side	Unlined ditch at landside toe, 4- to 8-feet deep by 15-feet wide. Entry Last Updated : 6/1/2015	LEVEEINSPECTION		
628	16.93	16.93	Structure	Pipe Section	Land Side	Two 36-inch diameter culverts under landside ramp 15-feet from landside toe, paralleling levee alignment. Entry Last Updated : 2/6/2020	USACEINSPECT		
757	16.93	16.93	Ramp	Ramp	Land Side	Entry Last Updated : 4/15/2015	INSPECTION		
115	17.21	17.21	Fence	Metal	Water Side and Land Side	Pipe gate and cross fence. Entry Last Updated : 2/6/2020	LEVEELOG		
351	17.21	17.21	Gate	Metal	Crown	Pipe gate and cross fence. Entry Last Updated : 5/18/2015	H_LL_GENERAL		
758	17.22	17.22	Ramp	Ramp	Land Side	Entry Last Updated : 4/15/2015	INSPECTION		
631	17.22	17.22	Structure	Pipe Section	Land Side	36-inch diameter culvert under landside ramp 15-feet from landside toe, paralleling levee alignment. Inspection Action: Permit not available: Locate Permit (s) and inspection records Status: Monitor Entry Last Updated : 5/21/2015	USACEINSPECT		
353	17.30	17.30	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 17.5. Entry Last Updated : 5/21/2015	H_LL_GENERAL		

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway						Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal						Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

354	17.85	17.85	Ramp	Ramp	Land Side	Entry Last Updated : 6/1/2015	GEILEVEELOG
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70	18.16	18.16	UCIP	Pipe	Crossing	DS_ID:16379 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 13.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1993 (HLM 18.37). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 18.37), As-built DWG No. 50-4-3511, Sheet No. 3511/6. unable to read exact page, STA 261+67E, page 6 of 31 electronic file, listed as 36-inch CMP] Entry Last Updated : 4/17/2021	UCIPAPR2021
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356	18.29	18.29	Mark	Marker	Crown	Mile marker on waterward shoulder. LM 18.5. Entry Last Updated : 5/21/2015	H_LL_GENERAL
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358	18.43	18.43	Miscellaneous	Turnout	Land Side	Turnout the landward side. Entry Last Updated : 5/21/2015	H_LL_GENERAL
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360	18.71	18.71	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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759	18.71	19.35	Miscellaneous	Landscaping	Land Side	Ag cropping to LS toe. Entry Last Updated : 5/21/2015	INSPECTION
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359	18.78	18.78	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 19.0. Entry Last Updated : 5/22/2015	H_LL_GENERAL
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361	19.16	19.16	Structure	Weir	Water Side	Concrete diversion dam in the channel. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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365	19.28	19.28	Mark	Marker	Crown	Mile marker on waterside shoulder. Entry Last Updated : 6/1/2015	H_LL_GENERAL
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71	19.32	19.32	UCIP	Pipe	Crossing	DS_ID:16380 EP_NO: 3511 Crossing Status: Not Found FIELD_STRUCT_DESC: U.S. Army communication cable through the levee, 3 feet below the crown. (underground cable authorized under Permit No. 3511, 1961 - US Army Engineer District) [Additional Reference(s): DWR Levee Log, 1993 (HLM 19.54)] Entry Last Updated : 4/17/2021	UCIPAPR2021 3511
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway						Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal						Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source	
	Start	End					Permits	
367	19.36	19.36	At Grade	Road / Highway	Crossing	Schohr Road crosses levee at crown elevation. Entry Last Updated : 4/6/2015	H_LL_GENERAL	
15	19.36	19.36	Structure	Bridge	Water Side	Entry Last Updated : 1/24/2020	LEVEELOG	
760	19.36	20.18	Ditches	Unlined	Land Side	Unlined ditch within 10-feet of LS toe. Entry Last Updated : 5/18/2015	INSPECTION	
761	19.36	21.34	Fence	Barbed Wire	Water Side	Fence at WS toe. Entry Last Updated : 5/18/2015	INSPECTION	
72	19.37	19.37	UCIP	Pipe	Crossing	DS_ID:16381 EP_NO: 10918 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 0.6-inch telephone cable through the levee, 2 feet below the crown. Pipe attached to bridge visible on the waterside (WS). Splice box located on the landside (LS). (buried cable across channel (attached to bridge) and levees of Cherokee Canal authorized under Permit No. 10918, 1975 - Pacific Telephone and Telegraph Company [PT&T]) [Additional Reference(s): DWR Levee Log, 1993 (HLM 19.55)] Entry Last Updated : 4/17/2021	UCIPAPR2021 10918	
371	19.65	19.65	Miscellaneous	Turnout	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL	
374	19.78	19.78	Mark	Marker	Crown	Mile marker on waterside shoulder. Entry Last Updated : 6/1/2015	H_LL_GENERAL	
73	19.92	19.92	UCIP	Pipe	Crossing	DS_ID:16375 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 13.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both WS and landside (LS). [Additional Reference(s): DWR Levee Log, 1993 (HLM 20.15). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 20.15), As-built DWG No. 50-4-3511, Sheet No. 3511/4.3, STA 168+68E, page 4 of 31 electronic file, listed as 30-inch CMP through the levee] Entry Last Updated : 4/17/2021	UCIPAPR2021	
372	19.93	19.93	Ramp	Ramp	Land Side	Ramp on landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL	

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
375	20.18	20.18	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	GEILEVEELOG		
762	20.21	20.21	Ramp	Ramp	Land Side	Entry Last Updated : 4/15/2015	INSPECTION		
763	20.23	20.41	Miscellaneous	Landscaping	Land Side	Unlined ditch and ag cropping to LS toe. Entry Last Updated : 5/22/2015	INSPECTION		
379	20.27	20.27	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 20.5. Entry Last Updated : 5/22/2015	H_LL_GENERAL		
376	20.48	20.48	Miscellaneous	Turnout	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
382	20.75	20.75	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
126	20.75	20.75	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. Entry Last Updated : 2/6/2020	LEVEELOG		
377	20.75	20.75	Gate	Metal	Crown	Cross fence, pipe gate. Entry Last Updated : 6/1/2015	GEILEVEELOG		
74	20.76	20.76	UCIP	Pipe	Crossing	DS_ID:16383 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 1 of 3: 16-inch steel irrigation pipe encased in reinforced concrete through the levee, 9.7 feet below the crown. Concrete "U" headwall on both ends. Slide gates on corrugated metal pipe risers on the waterside (WS) slope. Pump structure on the WS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 21.00). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 21.00), As-built DWG No. 50-4-3511, Sheet No. 3511/23.3, STA 124+25.04E, page 23 of 31 electronic file, listed as three encased 16-inch steel pipes through the levee (irrigation structure); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021		



## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

77	20.76	20.76	UCIP	Pipe	Crossing	DS_ID:17014 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 2 of 3: 16-inch steel irrigation pipe encased in reinforced concrete through the levee, 9.7 feet below the crown. Concrete "U" headwall on both ends. Slide gates on corrugated metal pipe risers on the waterside (WS) slope. Pump structure on the WS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 21.00). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 21.00), As-built DWG No. 50-4-3511, Sheet No. 3511/23.3, STA 124+25.04E, page 23 of 31 electronic file, listed as three encased 16-inch steel pipes through the levee (irrigation structure); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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75	20.76	20.76	UCIP	Pipe	Crossing	DS_ID:17185 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 3 of 3: 16-inch steel irrigation pipe encased in reinforced concrete through the levee, 9.7 feet below the crown. Concrete "U" headwall on both ends. Slide gates in corrugated metal pipe risers on the waterside (WS) slope. Pump structure located on the WS end. [Additional Reference(s): DWR Levee Log, 1993 (HLM 21.00). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 21.00), As-built DWG No. 50-4-3511, Sheet No. 3511/23.3, STA 124+25.04E, page 23 of 31 electronic file, listed as three encased 16-inch steel pipes through the levee (irrigation structure); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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104	20.77	20.77	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG 4185
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380	20.77	20.77	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 1/28/2020	H_LL_GENERAL 4185
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764	20.77	20.77	Ramp	Ramp	Land Side	Entry Last Updated : 4/15/2015	INSPECTION
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765	20.77	21.82	Miscellaneous	Landscaping	Land Side	Ag cropping to LS toe. Entry Last Updated : 5/22/2015	INSPECTION
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766	21.05	21.05	Ramp	Ramp	Land Side	Entry Last Updated : 4/15/2015	INSPECTION
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

386	21.26	21.26	Mark	Marker	Crown	Mile marker on waterside shoulder. LM 21.5. Entry Last Updated : 5/22/2015	H_LL_GENERAL
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16	21.29	21.39	Revetment	Concrete	Water Side	Entry Last Updated : 5/29/2015	LEVEELOG
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385	21.33	21.39	Revetment	Cobble	Water Side	Revetment on the waterward slope. Entry Last Updated : 4/6/2015	GEILEVEELOG
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30	21.33	21.33	Structure	Bridge	Water Side	Entry Last Updated : 1/24/2020	LEVEELOG
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383	21.34	21.34	Miscellaneous	Turnouts	Water Side	Turnout waterward side. Entry Last Updated : 4/6/2015	GEILEVEELOG
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389	21.34	21.34	At Grade	Road / Highway	Crossing	Gravel roadway on top of levee. Access to bridge across channel. Entry Last Updated : 6/3/2015	H_LL_GENERAL
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78	21.35	21.35	UCIP	Pipe	Crossing	DS_ID:16384 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through the levee, 8.2 feet below the crown. Crossing penetrates levee at angle. Slide gate in corrugated metal pipe (CMP) riser on the waterside (WS) slope. Pipe crosses the channel. Corroded section of existing pipe, 9-foot and 8-inch of an 18-inch corrugated metal pipe section, was replaced under Permit 7231 prior to 1974. (24-inch CMP authorized to match existing 24-inch CMP through left bank under Permit No. 7231, 1960 - Estate of Walter L. King) [Additional Reference(s): DWR Levee Log, 1993 (HLM 21.60). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 21.60), As-built DWG No. 50-4-3511, Sheet No. 3511/22, STA 93+21E, page 22 of 31 electronic file, listed as 24-inch CMP section through the levee (irrigation structure); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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387	21.63	21.63	Miscellaneous	Turnouts	Land Side	Turnout on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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769	21.76	21.76	Mark	Marker	Crown	Mile marker on WS shoulder. LM 22.0. Entry Last Updated : 5/18/2015	INSPECTION
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski

  

Entry No	Levee Mile		Category	Item	Location	Comment	Source	
	Start	End					Permits	
79	21.81	21.81	UCIP	Pipe	Crossing	DS_ID:17732 EP_NO: 17504 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 30-inch gas pipeline across and under (bored) Cherokee Canal and its levees with minimum of 50 feet of cover below the levee toes. (30-inch line authorized under Permit No. 17504, 2004 - David D. Davis-Matrix Environmental Planning) Emergency contact number is 1-800-352-8781. Entry Last Updated : 4/17/2021	UCIPAPR2021 17504	
770	21.82	21.82	Gate	Metal	Crown	Entry Last Updated : 4/15/2015	INSPECTION	
80	21.83	21.83	UCIP	Pipe	Crossing	DS_ID:16394 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal CIPP-lined drainage pipe through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete "U" headwalls on both WS and landside (LS). Rusty gate located on the WS (gate stuck). [Additional Reference(s): DWR Levee Log, 1993 (HLM 22.08). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 22.08), As-built DWG No. 50-4-3511, Sheet No. 3511/2.2 and 31.2, STA 67+70E, page 2, 31 of 31 electronic file, listed as 24-inch CMP section through the levee] Entry Last Updated : 4/17/2021	UCIPAPR2021	
391	21.84	21.84	Structure	Bridge	Crossing	Entry Last Updated : 1/24/2020	GEILEVEELOG 2539	
43	21.86	21.86	At Grade	Road / Highway	Crossing	Colusa Hwy Entry Last Updated : 1/24/2020	LEVEELOG 2539	
81	21.86	21.86	UCIP	Pipe	Crossing	DS_ID:16386 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: High pressure gas line through the levee. Depth unknown. [Additional Reference(s): DWR Levee Log, 1993 (HLM 22.11). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, listed in As-built DWG No. 50-4-3511 only and not manual, Sheet No. 3511/31.2, STA 66+00E, page 31 of 31 electronic file, listed as 12-inch underground gas main section through the levee] Entry Last Updated : 4/17/2021	UCIPAPR2021	
105	21.86	21.86	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/28/2020	LEVEELOG	

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

392	21.86	21.86	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Pole at LS toe. Entry Last Updated : 5/22/2015	GEILEVEELOG
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82	21.86	21.86	UCIP	Pipe	Crossing	DS_ID:16374 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: Underground telephone cable through the levee. Depth unknown. (AT&T) START latitude 39.36210336, longitude -121.8678207 END latitude 39.35458541, longitude -121.8823409. Line extends from Gridley Colusa Highway to the south end of project levee along landside (LS) shoulder and levee crown hinge point. Levee sloughs along cable trench after heavy rains. [Additional Reference(s): DWR Levee Log, 1993 (HLM 22.11). USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, listed in As-built DWG No. 50-4-3511 only and not manual, Sheet No. 3511/31.2, STA 66+00E, page 31 of 31 electronic file, listed as underground telephone and electric line through the levee] Entry Last Updated : 4/17/2021	UCIPAPR2021
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771	21.86	21.91	Revetment	Cobble	Water Side	Entry Last Updated : 4/15/2015	INSPECTION
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396	21.86	21.95	Ditches	Unlined	Land Side	Unlined ditch along landward toe. Entry Last Updated : 5/18/2015	GEILEVEELOG
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772	21.87	21.87	Miscellaneous	Turnouts	Land Side	Entry Last Updated : 4/15/2015	INSPECTION
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132	21.94	21.94	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. Entry Last Updated : 2/6/2020	LEVEELOG 5474
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394	21.94	21.94	Gate	Metal	Crown	Cross fence, pipe gate. Entry Last Updated : 6/1/2015	H_LL_GENERAL 5474
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618	21.95	21.95	Ramp	Ramp	Land Side	Vehicle access ramp from the toe to the levee crown on the landside. Entry Last Updated : 6/1/2015	USACEINSPECT
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5	21.96	22.08	Ditches	Unlined	Land Side	Unlined ditch within 5- to 10-feet from LS toe. Entry Last Updated : 6/1/2015	LEVEELOG
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399	22.04	22.04	Ditches	Unlined	Water Side	Along the right bank of the Cherokee Canal. Levee to be located opposite the left bank project levee. Entry Last Updated : 2/6/2020	USGSQUAD_EGIS 6217
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
571	22.08	22.13	Miscellaneous	Landscaping	Land Side	Landscaping on landside 10-feet from toe, extends for 150-feet. Entry Last Updated : 6/1/2015	USACEINSPECT		
9	22.12	22.12	Structure	Pole - Utility	Water Side	Entry Last Updated : 1/28/2020	LEVEELOG		
6	22.12	22.17	Revetment	Cobble	Water Side	Entry Last Updated : 5/29/2015	LEVEELOG		
406	22.12	22.12	Ditches	Unlined	Water Side	The Left Bank overflow area of Cherokee Canal approximately 0.28 mile downstream of Colusa-Gridley Road Bridge westerly of the city of Gridley opposite levee mile 22.38 to levee mile 22.39, Unit No. 2, Maintenance Area No.13, Butte County Entry Last Updated : 2/6/2020	USGSQUAD_EGIS 14801		
414	22.13	22.13	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
619	22.14	22.14	Ramp	Ramp	Land Side	Two vehicle access ramps from the toe to the levee crown on the landside spaced 40-feet apart. Entry Last Updated : 2/6/2020	USACEINSPECT		
573	22.14	22.14	Structure	Pump Station	Water Side	Pump station on waterside with two 36-inch diameter culverts through levee, waterside sluice gates present. Landside outlets approximately 50-feet from landside toe. Entry Last Updated : 2/6/2020	USACEINSPECT		
83	22.14	22.14	UCIP	Pipe	Crossing	DS_ID:16842 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal irrigation pipe through the levee, 11.7 feet below the crown. Riser unit is located on the waterside (WS). Concrete pipe visible on the landside (LS) outlet. [Additional Reference(s): DWR Levee Log, 1993 (HLM 22.40), listed as 42-inch pipe. USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 22.40), listed as 36-inch pipe, As-built DWG No. 50-4-3511, Sheet No. 3511/21.2, STA 51+39E, page 21 of 31 electronic file, listed as combination of existing 36-inch CMP and new 42-inch CMP section through the levee (irrigation and drainage structures); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard Maintenance Area 0013

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal	Left	22.84	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

84	22.14	22.14	UCIP	Pipe	Crossing	DS_ID:16389 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 42-inch corrugated metal irrigation pipe through the levee, 11.7 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Concrete "U" headwall on the WS end. A concrete headwall trash gate is located on the WS inlet. [Additional Reference(s): DWR Levee Log, 1993 (HLM 22.40), listed as 42-inch pipe. USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 22.40), listed as 36-inch pipe, As-built DWG No. 50-4-3511, Sheet No. 3511/21.2, STA 51+32E, page 21 of 31 electronic file, listed as combination of existing 36-inch CMP and new 42-inch CMP section through the levee (irrigation and drainage structures); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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10	22.15	22.15	Structure	Weir	Water Side	Entry Last Updated : 5/29/2015	LEVEELOG
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85	22.15	22.15	UCIP	Pipe	Crossing	DS_ID:16391 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 15.3 feet below the crown. Concrete "U" headwalls on both waterside (WS) and landside (LS) ends. Flap gate on the WS end. This pipe runs on an angle through the levee, then underground along the LS slope to historic levee mile (HLM) 22.39 where it enters a ditch on the LS. [Additional Reference(s): DWR Levee Log, 1993 (HLM 22.41), listed as 30-inch pipe. USACE Sacramento O&M Manual, Unit 519, June 1962, Revised 3 Feb 2011, (HLM 22.41), listed as 24-inch pipe, As-built DWG No. 50-4-3511, Sheet No. 3511/21.2, STA 50+87E, page 21 of 31 electronic file, listed as 30-inch CMP section through the levee (irrigation and drainage structures); As-built DWG No. 50-4-3037 referenced not available] Entry Last Updated : 4/17/2021	UCIPAPR2021
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11	22.15	22.15	Ramp	Ramp	Water Side	Entry Last Updated : 5/29/2015	LEVEELOG
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408	22.17	22.17	Ramp	Ramp	Land Side	Ramp on landward slope. Entry Last Updated : 4/6/2015	H_LL_GENERAL
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411	22.24	22.24	Mark	Marker	Crown	Mile marker on waterside shoulder. Entry Last Updated : 6/1/2015	H_LL_GENERAL
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Cherokee Canal							Left	22.84	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
594	22.43	22.43	Ramp	Ramp	Land Side	Vehicle access ramp from the toe to the levee crown on the landside. Entry Last Updated : 6/1/2015	USACEINSPECT		
13	22.45	22.45	Revetment	Rock	Water Side and Land Side	Entry Last Updated : 5/29/2015	LEVEELOG		
595	22.47	22.47	Miscellaneous	Turnout	Land Side	Turnout point on the landside shoulder. Entry Last Updated : 6/1/2015	USACEINSPECT		
597	22.60	22.83	Ditches	Unlined	Land Side	Ditch on landside, 10- to 15-feet from toe, 6- to 8-feet deep by 12- to 15-feet wide. Entry Last Updated : 6/1/2015	USACEINSPECT		
612	22.74	22.74	Mark	Marker	Crown	Mile marker located on the waterside shoulder. Entry Last Updated : 6/1/2015	USACEINSPECT		
422	22.75	22.75	Structure	Gauge	Water Side	Water gauging station on creek branch waterward of levee. Entry Last Updated : 4/6/2015	H_LL_GENERAL 15674		
423	22.80	22.80	Miscellaneous	Turnout	Land Side	Turnaround on the landward side. Entry Last Updated : 4/6/2015	H_LL_GENERAL		
424	22.83	22.83	Mark	Marker	Crown	End of the left bank of Cherokee Canal, Unit No. 2. Entry Last Updated : 6/1/2015	H_LL_GENERAL		